



COOPER INDUSTRIES, INC.

*PRELIMINARY SITE ASSESSMENT REPORT
NORTH AND SOUTH LANDFILLS
CROUSE-HINDS FACILITY
SYRACUSE, NEW YORK*

29 SEPTEMBER 2004

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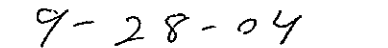
Certification Statement

InteGreyted International, LLC certifies that this Preliminary Site Assessment (PSA) Report has been prepared under the direction of the undersigned who is the Senior Project Manager with primary responsibility for the day to day performance of the PSA under NYSDEC Order on Consent Index No. D-7-0002-01-07, which became effective on 14 May 2004. Certification is hereby made that PSA activities were performed in full accordance with the NYSDEC-approved PSA Work Plan, dated 9 January 2004 and revised 28 April 2004. The undersigned also certifies that, to the best of my knowledge, the PSA Report accurately summarizes the work activities performed and the results obtained for the PSA.

Mark J. Schumacher



Signature



Date

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- Attachment 1: Data Usability Summary Report
- Attachment 2: Analytical Data Summary Packages
- Attachment 3: Test Pit Logs, Soil Boring Logs and Groundwater Sampling Logs
- Attachment 4: Fish and Wildlife Impact Assessment
- Attachment 5: Ley Creek Sediment Sampling Data

1.0 INTRODUCTION

1.1 GENERAL

This report summarizes the activities performed and the results for the Preliminary Site Assessment (PSA) of the Crouse-Hinds Facility North and South Landfills (hereinafter the "Site"), which are located in the Town of Salina and the City of Syracuse, New York, respectively. The PSA was conducted by InteGreyted International, LLC (InteGreyted) on behalf of Cooper Industries, Inc. (Cooper). The PSA was conducted at the Site (Site No. 7-34-004) in accordance with the New York State Department of Environmental Conservation (NYSDEC) Order on Consent (Index No. D-7-0002-01-07), which became effective on 14 May 2004, and the NYSDEC-approved Work Plan

The objectives of the PSA were to: 1) collect data necessary to determine the presence or absence of hazardous wastes and/or hazardous substances in Site media; 2) collect data to aid in determining if the Site may or may not be a source of hazardous wastes and/or hazardous substance contamination to Ley Creek and/or Onondaga Lake; 3) collect sufficient data to determine whether or not a Remedial Investigation/Feasibility Study is warranted for the Site; and 4) collect the data necessary to perform Steps 1 through 2b of the Fish and Wildlife Impact Analysis (FWIA).

1.2 REPORT ORGANIZATION

This document presents the PSA Report, which is organized in the following sections.

- Section 1 – Introduction: Presents a summary of the Site location and physical setting, the Site background and history, results of previous investigations, and objectives of the PSA.
- Section 2 – PSA Scope of Work: Describes the activities performed during the PSA, including the soils investigation, sediment investigation, surface water investigation, hydrogeologic investigation, and fish and wildlife assessment.

- Section 3 – PSA Results: Summarizes the results of the PSA investigation activities.
- Section 4 – Summary and Conclusions: Summarizes the results of the PSA and presents conclusions supported by the data and recommendations for additional work, if any, which may be required to fill data gaps.

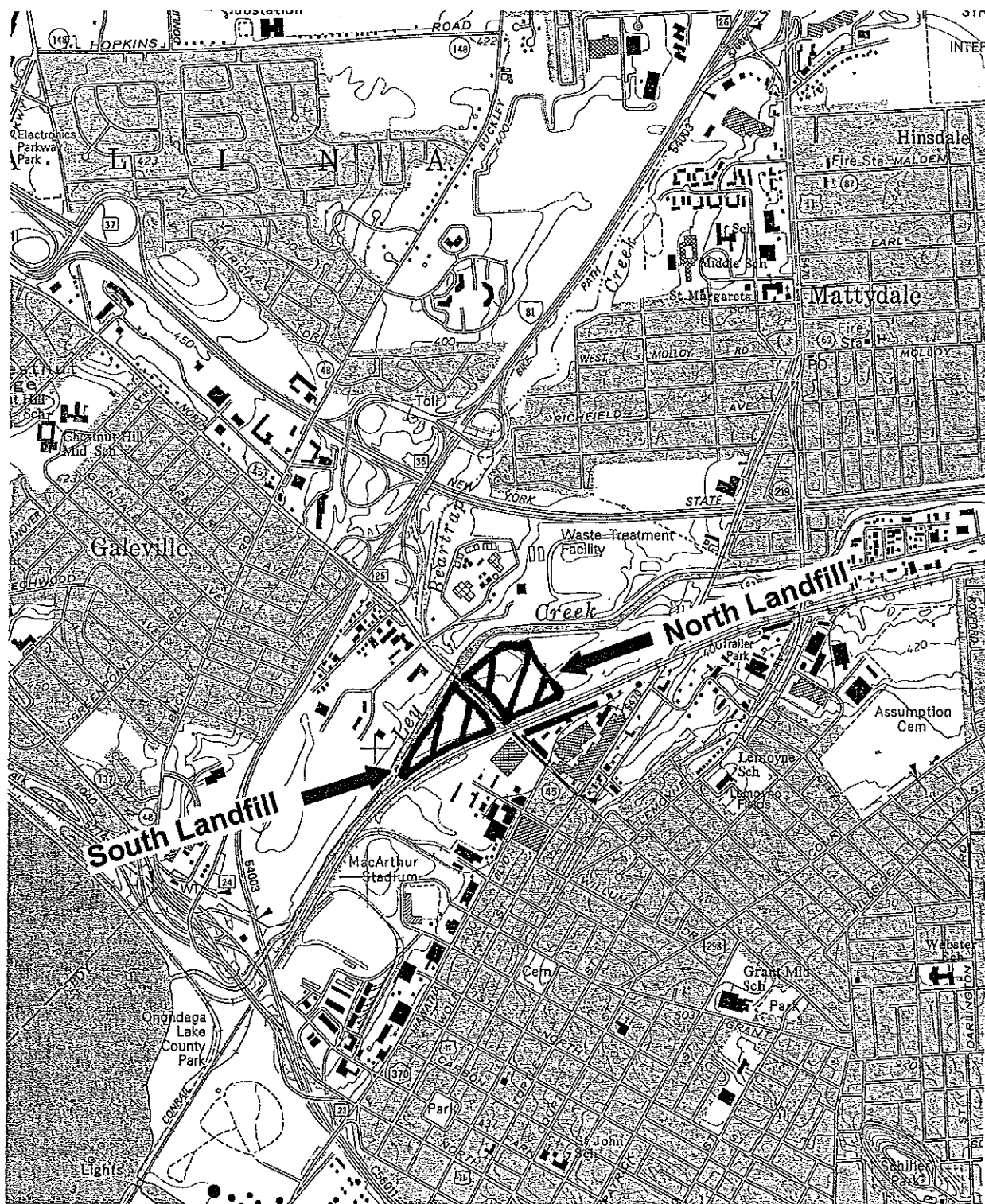
1.3 SITE BACKGROUND

1.3.1 Physical Setting

The Site is located west of the operating Crouse-Hinds manufacturing facility, which is located at the intersection of Wolf and Seventh North Streets (Latitude 043° 04' 28" N, Longitude 076° 10' 13" W), in the Town of Salina and the City of Syracuse, Onondaga County, New York. The Site consists of two adjacent inactive landfills (referred to as the North Landfill and South Landfill). The North Landfill is approximately 21 acres in area and the South Landfill is approximately 15 acres in area. The Site and surrounding topography are generally flat to gently sloping. Figure 1-1 is a Site Location Map and Figures 1-2 and 1-3 present Site Plans of the North Landfill and South Landfill, respectively.

The North Landfill is located in the Town of Salina and the South Landfill is located in the City of Syracuse. The Site is located in an area of mixed usage including light industrial/manufacturing, commercial and residential. Seventh North Street is oriented east-west and separates the two landfills that comprise the Site. Undeveloped woods and wetlands border the Site to the north. Railroad tracks followed by the Crouse-Hinds facility, Wolf Street and residential development border the Site to the east.

Undeveloped woods, wetlands and mixed commercial development border the Site to the south. Wetlands followed by Ley Creek, mixed commercial development, the Ley Creek waste transfer station and Interstate Highway I-81 are present to the west of the Site. The west and northwest boundary of the North Landfill is separated from Ley Creek by property reportedly owned by East Plaza, LLC. The west boundary of the South Landfill is immediately adjacent to Ley Creek.



Syracuse West, NY Quadrangles (1990)

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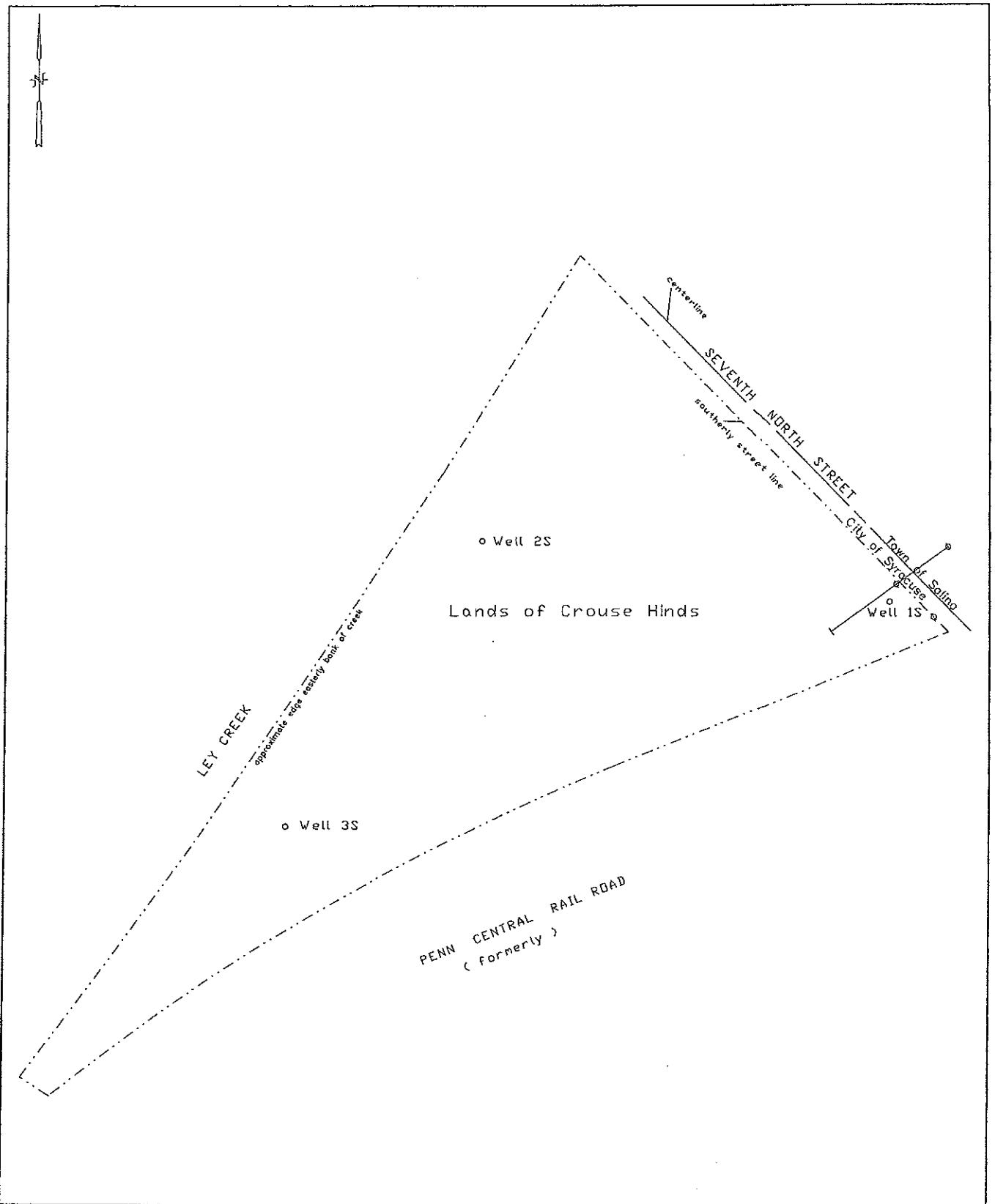
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Site Location Map

North and South Landfills
Crouse-Hinds Facility
Syracuse, New York

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PAGE:
1-1



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1"=200'

South Landfill Site Plan

Crouse-Hinds Facility
Syracuse, New York

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FIGURE:

1-3

1.3.2 Site History

Cooper Crouse-Hinds Division, a division of Cooper Industries, Inc. operates an electrical products manufacturing facility located on the corner of Wolf and Seventh North Streets, Salina, New York. The Cooper property includes two inactive landfills, the North and South Landfills, which comprise the Site. The North Landfill reportedly accepted an unknown quantity of solid industrial waste (i.e., foundry sand) from the Crouse-Hinds facility from the mid-1950s through 1972. From 1972 through approximately 1979, this landfill was used for disposing approximately 85 cubic yards per day of non-putrescible solid wastes including foundry sand, floor sweepings, metal buffing and polishing residue, scrap lumber, plastic wastes and paint scrapings that were generated at the Crouse-Hinds facility. Zinc hydroxide sludge was also reportedly deposited in this landfill between 1972 and 1980. Between 1980 and 1983 approximately 40 cubic yards per day of industrial waste, from the Crouse-Hinds facility, including foundry sand and core butts were disposed of in the landfill. In April of 1981, Crouse-Hinds applied for a Part 360 permit to operate a non-hazardous landfill. On 10 March 1982, Crouse-Hinds withdrew the application. The north landfill has been inactive since 1989. The South Landfill reportedly accepted a combination of municipal solid waste from the City of Syracuse and industrial waste from the Crouse-Hinds facility consisting of foundry mold and core sand, scrap steel drums and shot, fly ash, paint scrapings, garbage and construction/demolition debris. Material placement in this landfill reportedly occurred between 1960 and 1969. Approximately 2,000 cubic yards per week of municipal solid waste from the City of Syracuse was reportedly accepted at the landfill between 1960 and 1963. The landfill has been inactive since 1969.

In 1984, the Site was listed as a "Class 3" New York State Inactive Hazardous Waste Disposal Site (No. 7-34-004) pursuant to Environmental Conservation Law 27-1301(2).

1.3.3 Previous Assessments and Investigations

A summary of the previous site investigations, which were conducted at the Site in the early 1980's are described below. Information referenced in this section has previously

been provided as attachments to the NYSDEC-approved PSA Work Plan (dated 9 January 2004, and revised 28 April 2004) and is not provided in this report.

Phase I Report, Engineering Investigations and Evaluations at Inactive Hazardous Waste Sites, Crouse Hinds, Onondaga County, NY. Engineering-Science, Inc., June 1983.

The NYSDEC retained Engineering-Science, Inc. (ES) to conduct an engineering investigation and evaluation at the Site, which included the calculation of a Hazard Ranking System (HRS) score and the estimation of costs of any potential remedial actions. ES concluded in their report that there was insufficient information available to complete a final HRS score for the Site. Specifically, ES indicated that additional target information for air and groundwater would be required for generating a HRS score. Based on their evaluation, ES recommended an air monitoring survey to determine air quality. No additional groundwater investigation was recommended. Based on available information it was not clear whether any air quality monitoring was performed at the Site.

Support documentation contained in ES's Phase I Report provided additional information regarding historic operations at the Site as well as additional historic investigations, sampling events and analytical results conducted by others. Specifically, these investigations included the installation of three groundwater-monitoring wells on the North Landfill and several sampling events conducted in 1980 and 1981 as part of an application for landfill permitting. A review of the findings presented in these reports indicated that groundwater samples collected at the perimeter of the North Landfill detected cyanide, phenols, several volatile organic compounds (VOCs) (i.e., benzene, toluene, xylene and chloroform) and some metals (i.e., cadmium, chromium and zinc) in groundwater samples. Limited groundwater monitoring at the South Landfill detected the presence of cyanide in groundwater samples.

Hydrogeologic Investigation, Crouse-Hinds Landfill, Syracuse, New York. Empire Soils Investigations, Inc. November 1983.

In the early 1980's, Crouse-Hinds retained Empire Soils Investigations, Inc. (a.k.a. Thomsen Associates) to complete a hydrogeologic investigation specific to the North Landfill. The purpose of this investigation was to determine groundwater flow direction in each of two distinct aquifers located beneath the landfill. These aquifers reportedly consisted of peat deposits located directly beneath the waste material and a sand and gravel unit located beneath the peat layer. A silt and clay unit ranging from 12 to 54 feet in thickness reportedly separates the two aquifers.

As part of the investigation, Thomsen Associates installed a total of 11 test borings, eight of which were completed as monitoring wells to supplement the existing monitoring well network (i.e., three wells installed by others). The monitoring wells included three locations installed in the shallow (i.e., peat) aquifer beneath the waste material and five locations installed in the deeper (i.e., sand and gravel) aquifer (**Note:** three of the deeper well locations were coincident with the shallow wells resulting in three nested pairs of wells). The three remaining soil borings were drilled west of the landfill; however, wells were not installed in these test borings.

According to the Thomsen Associates report, the soils encountered beneath the landfill consist of a peat layer ranging in thickness from 0.5 feet to 9 feet directly underlying the waste material. The peat layer is thicker to the west of the landfill and ranges from 10.5 feet to 17 feet in thickness. A silt and clay unit underlies the peat layer and ranges in thickness from 12 feet to 54 feet with the thickest portion of the unit in the southwestern portion of the landfill. A medium to coarse sand with varying amounts of gravel underlies the silt and clay. The sand and gravel was described as at least 20 feet thick, the lower extent of which was not encountered during drilling activities.

In order to determine the groundwater flow direction in each aquifer as well as to identify any seasonal variation in flow direction, water level measurements were collected from each well, new and existing, on a monthly basis from December 1982 through October 1983. The results of the water level measurements indicated a general flow direction in the shallow aquifer to the west and southwest toward Ley Creek. The water level measurements also indicated a minor seasonal variation in the eastern portion of the

landfill during the winter months. This variation consisted of an easterly to southeasterly component of flow in the eastern portion of the landfill. Water level measurements in the deeper aquifer indicated a more significant seasonal variation in the sand and gravel. During the summer months, the general groundwater flow direction was to the east and during the winter months, the general groundwater flow direction was to the west. Thomsen Associates also noted that the deeper aquifer was under artesian conditions for the majority of the year.

Based on their investigation, Thomsen Associates concluded that any leachate produced by the landfill should flow through the peat layer toward Ley Creek. They further concluded that the vertical migration of any leachate generated would be inhibited by the silt and clay unit as well as the artesian conditions in the sand and gravel unit. For these reasons, Thomsen Associates concluded that the effect of the landfill on water quality should be restricted to the groundwater in the organic deposits.

Thomsen Associates also recommended the installation of additional monitoring wells based on the seasonal variations observed in both shallow and deep aquifers. Specifically, Thomsen Associates recommended installing two new wells, one shallow well and one deep well, to further refine groundwater flow direction as well as for monitoring water quality. It does not appear that these wells were ever installed.

2.0 PSA SCOPE OF WORK

This section describes the tasks that were completed at the Site during the PSA. All activities were conducted in accordance with the NYSDEC-approved Work Plan.

2.1 SUBSURFACE SOIL INVESTIGATION

2.1.1 Test Pit Excavations

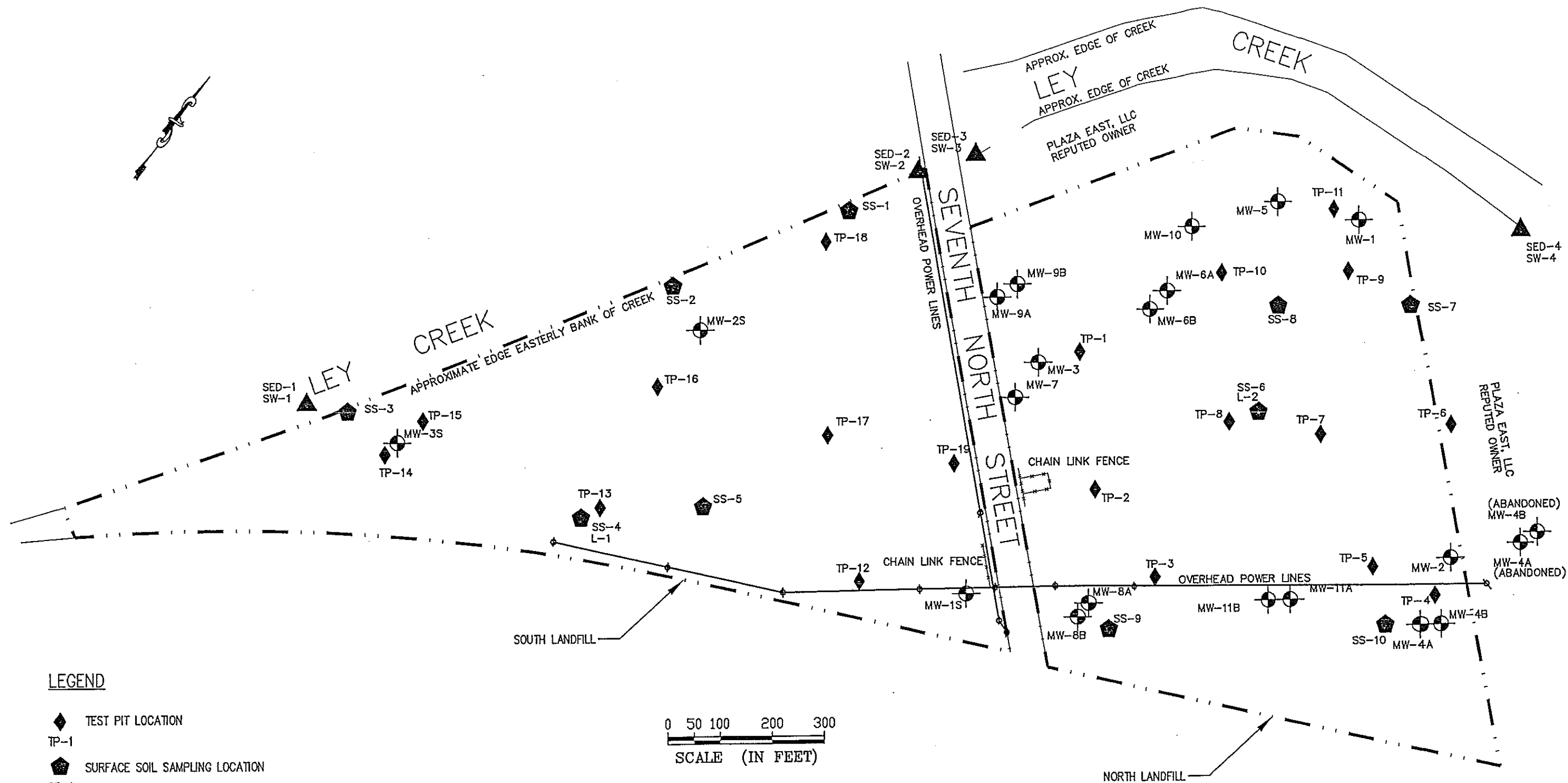
On 7 and 8 June 2004, a total of 19 test pits (8 on the South Landfill and 11 on the North Landfill) were advanced to a maximum depth of fifteen feet below grade in fill material existing at both landfills to document the nature of fill and underlying soil (Figure 2-1). The majority of the test pits (i.e., 13) were advanced at or near the estimated perimeter of the waste mass in each landfill; however, several test pits (i.e., 6) were also advanced within the interior areas of each landfill.

During excavation work, InteGreyted's onsite inspector screened all soils with a photoionization detector (PID) and evaluated the soils for odors, staining, and discoloration. Following removal, excavated material was placed back in each excavation and the area was re-graded.

2.2 HYDROGEOLOGIC INVESTIGATION

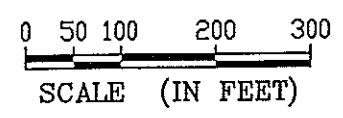
2.2.1 Monitoring Well Survey

On 20 April 2004, a survey of all existing monitoring wells located on the Site was conducted to verify the condition of the wells and to determine if the wells were viable, and to determine what, if any, modifications/upgrades were necessary to secure the wells and ensure their future viability. As part of the survey, a detailed inspection of each well was conducted, which included evaluation of the visible well casing and any protective casings. The integrity of the upper concrete seals was also evaluated. Each well was also sounded with an electronic water level indicator to determine depth to groundwater,



LEGEND

- ◆ TEST PIT LOCATION
TP-1
- SURFACE SOIL SAMPLING LOCATION
SS-1
- LEACHATE SAMPLING LOCATION
L-1
- ▲ SURFACE WATER AND SEDIMENT SAMPLING LOCATION
SED-1, SW-1
- ⊕ MONITORING WELL
MW-1
- ▬ PROPERTY BOUNDARY



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DATE
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SCALE
AS ABOVE

SAMPLE LOCATION MAP

CROUSE-HINDS FACILITY
SYRACUSE, NY

PREPARED FOR:
COOPER INDUSTRIES, INC

FIGURE:
2-1

depth to well bottom and depth of sediment. These measurements were then compared with available well logs to evaluate conditions at each well. Wells were also evaluated for the presence of floating free-phase product, sheens and odors.

The findings of the survey indicated that all existing wells, with the exception of wells W-4A and W-4B, located on the north landfill (Figure 2-1), were usable for the PSA. Wells W-4A and W-4B were determined to be unusable during the PSA due to the presence of compromised concrete seals, which had heaved out of the ground, and due to the presence of significant residual material (up to 20 feet) which had accumulated in the wells. InteGreyted recommended that these two wells be abandoned during the PSA and reinstalled at an onsite location (**Note:** These wells were located in an area that was off of the site proper).

2.2.2 Well Abandonment

On 11 June 2004, monitoring wells W-4A and W-4B were abandoned by overdrilling the wells with hollow stem augers (HSA) and pressure grouting the boreholes from the bottom to grade as the augers were withdrawn from the boreholes of each former well. All abandonment activities were conducted in accordance with the generally accepted well abandonment guidance established by NYSDEC.

2.2.3 Monitoring Well Installations

On 6 through 11 June 2004, seven monitoring wells, consisting of three shallow and deep well pairs (MW-4A and MW-4B, MW-9A and MW-9B, MW-11A and MW-11B) and one shallow well (MW-10) were installed at the Site (Figure 2-1). Wells MW-4A and MW-4B were replacements for wells W-4A and W-4B, which were abandoned. These wells were located to the southeast of their former locations in an area that was anticipated to provide upgradient groundwater coverage for the Site. Well pair MW-9A and MW-9B was installed in the southwest corner of the Site to provide groundwater flow and quality data in the area between the north landfill and Ley Creek. Well pair MW-11A and MW-11B was installed along the eastern side of the Site to provide

groundwater flow and quality data in an area where groundwater data were previously not available. Well MW-10 was installed along the west side of the Site to provide groundwater flow and quality data along the edge of the Site in the area between the landfill and Ley Creek.

Monitoring well borings were installed to a maximum depth of approximately 68 feet below grade using 4.25-inch inside diameter (ID) HSA drilling techniques. Using a split-spoon sampler, soil samples were collected continuously from grade to the depth of completion in all deep well borings (MW-4B, MW-9B, and MW-11B), and at the location of the unpaired shallow well (MW-10). InteGreyted's onsite geologist logged and classified all soil samples, screened all soils with a PID, and evaluated the soils for odors, staining, and discoloration.

Upon completion of each well boring, monitoring wells, which were constructed of two-inch-diameter PVC riser and 10 feet of 0.01-inch slot PVC well screen were installed in each boring. The well screen in shallow wells was installed to straddle the shallow water table. The well screen in the deep wells was installed in the sand and gravel unit. A sand pack was installed around the well screen and extended one to two feet above the top of the well screen. A one-foot-thick bentonite pellet seal was placed above the sand pack and a cement/bentonite grout was utilized to backfill the remainder of the annulus to grade. The wells were completed with steel protective guard pipes. Following installation, reference points were marked on the top of the well casing to allow for surveying. All generated wastes (i.e., soil cuttings) were staged on, and covered with, plastic sheeting pending proper management.

2.2.4 Well Development

Low-flow purging and development techniques were used to develop each of the newly installed monitoring wells. Each well was developed until the turbidity of the water was below 50 NTU, and field parameters (pH, conductivity, and temperature) stabilized. Development water from the wells was checked periodically for the presence of a sheen or free product. Development water from the shallow aquifer was discharged directly to

the ground surface; whereas, development water from the deep aquifer was containerized pending future management.

2.3 *SAMPLING AND ANALYSIS*

Environmental sampling during the PSA was conducted in accordance with the Sampling and Analysis Plan (SAP), which was included in the NYSDEC-approved Work Plan. Samples collected during the PSA were analyzed by Severn Trent Laboratories, Inc. (STL), which is an NYSDOH ELAP-certified laboratory that participates in the contract laboratory program (CLP). Laboratory analytical procedures adhered to NYS ASP 2000 methodologies and protocols.

Analytical results were reported by STL using NYSDEC ASP 2000 Category B deliverables (with the exception of TCLP analyses). Site-specific quality assurance/quality control (QA/QC) samples, including matrix spike (MS)/matrix spike duplicate (MSD) samples and field duplicates were collected and analyzed, as appropriate.

2.3.1 *Test Pit Excavation Soil Sampling*

Based on visual observations, odors and PID screening data, one composite soil sample per test pit (TP-1 to TP-19) was selected for laboratory analysis. Soil samples were analyzed for VOCs (USEPA Method 8260), semi-volatile organic compounds (SVOCs) (USEPA Method 8270), target analyte list (TAL) metals, cyanide, pesticides (USEPA Method 8081), and PCBs (USEPA Method 8082). Additionally, ten soil samples from mainly interior area test pits (TP-5-WC, TP-6-WC, TP-7-WC, TP-8-WC, TP-9-WC, TP-10-WC, TP-13-WC, TP-14-WC, TP-16-WC, and TP-17-WC) were collected and analyzed for RCRA waste characterization parameters by the Toxicity Characteristics Leaching Procedure (TCLP). Analyses included TCLP VOCs, TCLP SVOCs, TCLP Pesticides/Herbicides, TCLP Metals, ignitability, corrosivity, and reactivity (H₂S and HCN).

2.3.2 *Surface Soil Sampling*

InteGreyted inspected the landfills to document the presence of drainage swales and to estimate if significant leachate releases and/or affected soil and sediment were present. Based on these observations, ten surface soil samples (SS-1 to SS-10) were selected for laboratory analysis (Figure 2-1). Soil samples were analyzed for VOCs (USEPA Method 8260), SVOCs (USEPA Method 8270), TAL metals, cyanide, pesticides (USEPA Method 8081), and PCBs (USEPA Method 8082).

2.3.3 *Leachate Sampling*

InteGreyted inspected the landfills to document the presence of drainage swales and to estimate if leachate releases were present. Based on these observations, while no substantial leachate seeps were noted at either landfill, two leachate/surface water samples (L-1 and L-2) were collected (Figure 2-1). Sample L-1 was collected from a wet area located along the eastern flank of the south landfill where ponded water had collected and/or was leaching from the landfill. This sample was co-located with soil sample SS-4. Sample L-2 was collected from a wet area located near the center of the north landfill where water was ponding and then draining in a swale to the west. This sample was co-located with soil sample SS-6. Leachate samples were analyzed for VOCs (USEPA Method 8260), SVOCs (USEPA Method 8270), TAL metals, cyanide, pesticides (USEPA Method 8081), PCBs (USEPA Method 8082), and total phenols.

2.3.4 *Groundwater Sampling*

On 30 June and 1 July 2004, groundwater samples were collected from each of the 19 existing monitoring wells located onsite (Figure 2-1). Prior to sampling, each monitoring well was purged a minimum of three well volumes using low-flow purging techniques. Following purging, groundwater samples were collected directly from dedicated low flow sampling tubing. Field parameters (pH, temperature, conductivity, dissolved oxygen, oxidation-reduction potential (ORP), and turbidity) and groundwater elevation data were collected from each monitoring well prior to purging (water level measurement) and

during sampling (field parameters). Groundwater samples were analyzed for VOCs (USEPA Method 8260), SVOCs (USEPA Method 8270), TAL metals, cyanide, pesticides (USEPA Method 8081), PCBs (USEPA Method 8082), and total phenols.

2.4 *LEY CREEK SAMPLING*

On 9 June 2004, four surface water samples (SW-1 to SW-4) and five sediment samples (SW-1 to SW-4, and SW-6) were collected in Ley Creek at locations proximal to the Site (Figure 2-1). Sampling locations were established at the north and south boundaries of each landfill based on field observations and availability of surface water and sediment. Surface water and sediment samples were analyzed for VOCs (USEPA Method 8260), SVOCs (USEPA Method 8270), TAL metals, cyanide, pesticides (USEPA Method 8081), and PCBs (USEPA Method 8082). In addition, surface water samples were analyzed for phenols.

In addition to the sampling points, the PSA Work Plan proposed the installation of two stream gauges in Ley Creek, one at the northern boundary of the North Landfill and one at the southern boundary of the South Landfill. However, observations indicated that there were no locations along Ley Creek where the gauges could be located on Cooper property and properly anchored. All accessible sites were off of the Site and/or in areas where setup of gauges was not possible. Therefore, InteGreyted requested that NYSDEC allow for available stream gauging data from a gauging station located downstream of the Site to be used to supplement the stream gauging data. On 16 July 2004, NYSDEC's project manager indicated acceptance of InteGreyted's proposed modification.

2.5 *STORM SEWER ASSESSMENT*

During site reconnaissance activities, conducted during the week of 31 May 2004, InteGreyted attempted to locate an old storm sewer that was reportedly used in the past to discharge process water on and/or near the Site. Reconnaissance performed across the Site was unable to locate this feature; therefore, sampling proposed in the PSA Work Plan was not conducted.

2.6 *SURVEYING*

Upon completion of all field tasks, the horizontal and vertical locations of all soil borings and monitoring wells were surveyed by a New York State (NYS) licensed land surveyor. Vertical elevations were recorded to the nearest 0.01-foot. Top-of-PVC casing elevations for each monitoring well were also recorded to the nearest 0.01-foot to establish water table elevations and groundwater flow direction. In addition, all other sampling points (i.e., surface water, surface soil, sediment, etc.) were surveyed and referenced to an onsite fixed datum point.

2.7 *FISH AND WILDLIFE ASSESSMENT*

During June and July 2004, InteGreyted conducted Step 1 of NYSDEC's Fish and Wildlife Impact Analysis (FWIA) process for the Site as outlined in the NYSDEC guidance document entitled, "Fish and Wildlife Impact Analysis for Inactive Hazardous Waste Sites", dated October 1994.

3.0 PSA RESULTS

This section describes the results of the PSA investigation activities and presents the validated analytical data for the samples, which were collected as part of the PSA.

3.1 DATA EVALUATION

Following receipt, analytical data were checked for completeness and accuracy; and were validated by Mr. Donald Anné, a NYSDEC-approved data validation chemist. Following validation, a Data Usability Summary Report (DUSR) was prepared for each data package. DUSR's are presented in Attachment 1. Analytical data summary reports are presented in Attachment 2. Analytical backup reports (laboratory QA/QC, chromatographs, etc.) are not presented as part of this report; however, they will be made available upon request.

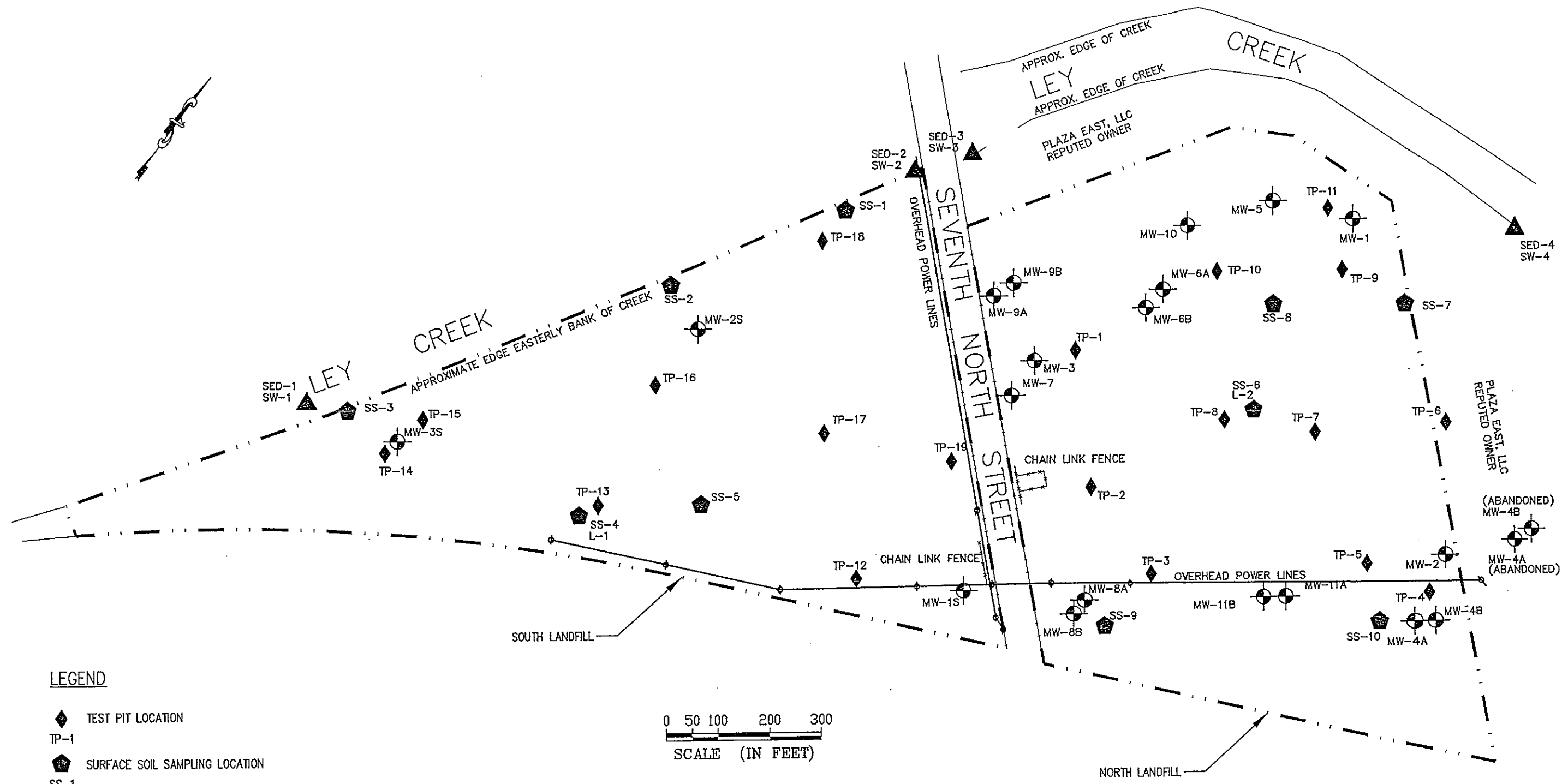
Analytical data for test pit and surface soil samples were compared to NYSDEC TAGM 4046 recommended soil cleanup objectives. Waste characterization data for test pit samples was compared to USEPA's Maximum Concentration of Contaminants for the Toxicity Characteristic, as defined by TCLP.

Groundwater and surface water analytical data were compared to NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 (TOGS) ambient water quality standards and guidance values, which are derived from 6 NYCRR Parts 700-705, Water Quality Regulations.

Sediment analytical data were compared to NYSDEC's Division of Fish, Wildlife and Marine Resources Technical Guidance for Screening Contaminated Sediments.

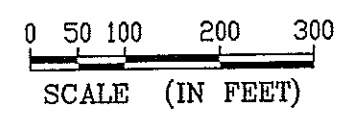
3.2 SOIL INVESTIGATION RESULTS

Observations and field screening conducted during the installation of 19 test pits and seven monitoring wells across the Site indicated the following (Figure 3-1). Test pit logs and soil boring logs are presented in Attachment 3.



LEGEND

- ◆ TEST PIT LOCATION
TP-1
- SURFACE SOIL SAMPLING LOCATION
SS-1
- LEACHATE SAMPLING LOCATION
L-1
- ▲ SURFACE WATER AND SEDIMENT SAMPLING LOCATION
SED-1, SW-1
- ⊗ MONITORING WELL
MW-1
- ▬▬▬▬▬▬ PROPERTY BOUNDARY



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SAMPLE LOCATION MAP

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SYRACUSE, NY

PREPARED FOR:
COOPER INDUSTRIES, INC

FIGURE:
3-1

3.2.1 North Landfill Test Pits

- Test pits installed across the north landfill (TP-1 to TP-11) ranged in depth from 6 feet to 15 feet below grade. Generally, material encountered in these test pits was industrial fill, which consisted primarily of foundry sand with miscellaneous amounts of foundry core butts, foundry molds, metal debris, wood debris, and miscellaneous industrial debris. The foundry sand was black in color and generally exhibited an oily nature (degraded oily odor and oily appearance). PID readings in the test pits ranged from 1 ppm to 27 ppm in all test pits, with the exception of those in test pit TP-4, which were up to 237 ppm. Elevated PID readings in TP-4 appeared to be related to the presence of petroleum-based waste materials, which were observed within the test pit debris and on the water surface (petroleum sheen) in the test pit.
- Fill material was encountered from grade to depths of greater than 15 feet below grade in test pits located across the north landfill. Cover material present on top of the fill material consisted of a thin organic layer that supported the vegetative cover. Thickness of the fill material across the landfill varied from 3 feet to greater than 15 feet. The thickness of fill observed across the southern half of the north landfill (TP-1, TP-2, TP-3 and TP-8) ranged between 3 feet (TP-8) and 11.5 feet (TP-1). Materials underlying the fill across this portion of the landfill generally consisted of peat deposits (TP-1, TP-2 and TP-3) and clay (TP-8). The thickness of fill material observed beneath the northern half of the north landfill (TP-4, TP-5, TP-6, TP-7, TP-9, TP-10, and TP-11) varied from 9 feet to greater than 15 feet. Materials underlying the fill material across this portion of the landfill consisted of peat deposits (TP-4 and TP-11) and sand and gravel deposits (TP-5, TP-6, and TP-7). In test pits TP-5 and TP-9, the extent of the fill was not determined due to equipment limitation on the depth of excavation. In these excavations the thickness of fill was greater than 15 feet.
- Test pit excavations across the north landfill were not able to define the horizontal limits of the fill material located onsite. Excavations were located along the expected boundaries of the fill (based on field observations); however, observations indicated that fill materials likely extend beyond the areas where test

pits were located on the north landfill. **Note:** Delineation of the waste mass to the east was limited by the presence of wetlands.

- Test pit excavations across the north landfill were able to define the vertical limits of fill materials located across the majority of the landfill. Fill thickness was found to be greater across the northern half of the landfill, where mounding of fill is evident, versus the southern half of the landfill, where topography is flat.
- Observations indicated that the natural materials underlying the fill material generally consisted of continuous deposits of peat and/or sand and gravel. The occurrence and nature of these deposits was similar to those identified during previous hydrogeologic investigations at the Site (See Section 1.3.3) and are consistent with those deposits which comprise the shallow aquifer beneath the Site. Groundwater was also encountered in several of the test pits.

3.2.2 South Landfill Test Pits

- Test pits installed across the south landfill (TP-12 to TP-19) ranged in depth from 8 feet to 15 feet below grade. Material encountered in these test pits was either industrial fill (TP-12 and TP-16), which consisted primarily of foundry sand with miscellaneous amounts of foundry core butts, foundry molds, metal debris, wood debris, and miscellaneous industrial debris, or municipal fill (TP-13, TP-14, TP-15, TP-17, TP-18, and TP-19), which consisted of paper, glass bottles, plastic, wood, metal cans, metal debris, and general municipal refuse. The foundry sand contained in the industrial fill was black in color and generally exhibited an oily nature (degraded oily odor and oily appearance). PID readings in the test pits, which contained the industrial fill generally ranged from 10 ppm to 17 ppm. The municipal fill material had PID readings ranging from 1 ppm to 7 ppm, and did not exhibit odors typically associated with petroleum-impacted materials.
- Fill material (industrial and commercial) was encountered from grade to depths of greater than 15 feet below grade in test pits located across the south landfill. Cover material present on top of the fill material consisted of a thin organic layer that supported the vegetative cover. Thickness of the fill material across the landfill varied between 7 feet and greater than 15 feet. The thickness of fill

materials observed in the central area of the landfill (TP-13, TP-16, and TP-17) was generally several feet greater (11.5 feet to 15+ feet) than that observed in test pits located along the perimeter (TP-12, TP-14, TP-15, TP-18 and TP-19) of the landfill (8 feet to 11 feet). Materials underlying the fill material beneath the landfill generally consisted of peat deposits, with the exception of silt and clay deposits, which were encountered in the area of TP-19. In test pit TP-16, the extent of the fill was not determined due to equipment limitation on the depth of excavation. In this excavation the thickness of fill was greater than 15 feet.

- Test pit excavations across the south landfill were not able to completely define the horizontal limits of the fill material located onsite. Excavations were located along the expected boundaries of the fill (based on field observations); however, observations indicated that fill materials likely extend beyond the areas where test pits were located on the south landfill, with the exception of the area along the north boundary, which is bordered by Seventh North Street. **Note:** Delineation of the waste mass to the west was limited by Ley Creek, which is assumed to be the limits of the fill material. The presence of wetlands and areas of low-lying ponded water limited delineation of the waste mass to the east and south; however, along these sides of the landfill the topography suggests that the waste mass does not extend a significant distance beyond the base of the observed fill slopes.
- Test pit excavations across the south landfill were able to define the vertical limits of fill materials located across the majority of the landfill. Observations indicated that the natural materials underlying the fill material generally consisted of continuous deposits of peat. The occurrence and nature of these deposits was similar to those which comprise the shallow aquifer beneath the Site. Groundwater was also encountered in several of the test pits.

3.2.3 Soil Borings

Soil borings installed in the deep monitoring well borings (MW-4B, MW-9B, MW-11B) and shallow well boring (MW-10) across the north landfill confirmed the presence of several distinct geologic units and aquifers beneath the Site, which had been identified by

others during previous hydrogeologic investigations at the Site (See Section 1.3.3). The units observed during the installation of these borings were consistent with those deposits, which comprise the shallow and deep aquifers beneath the Site.

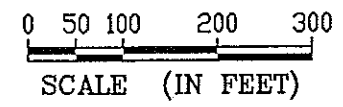
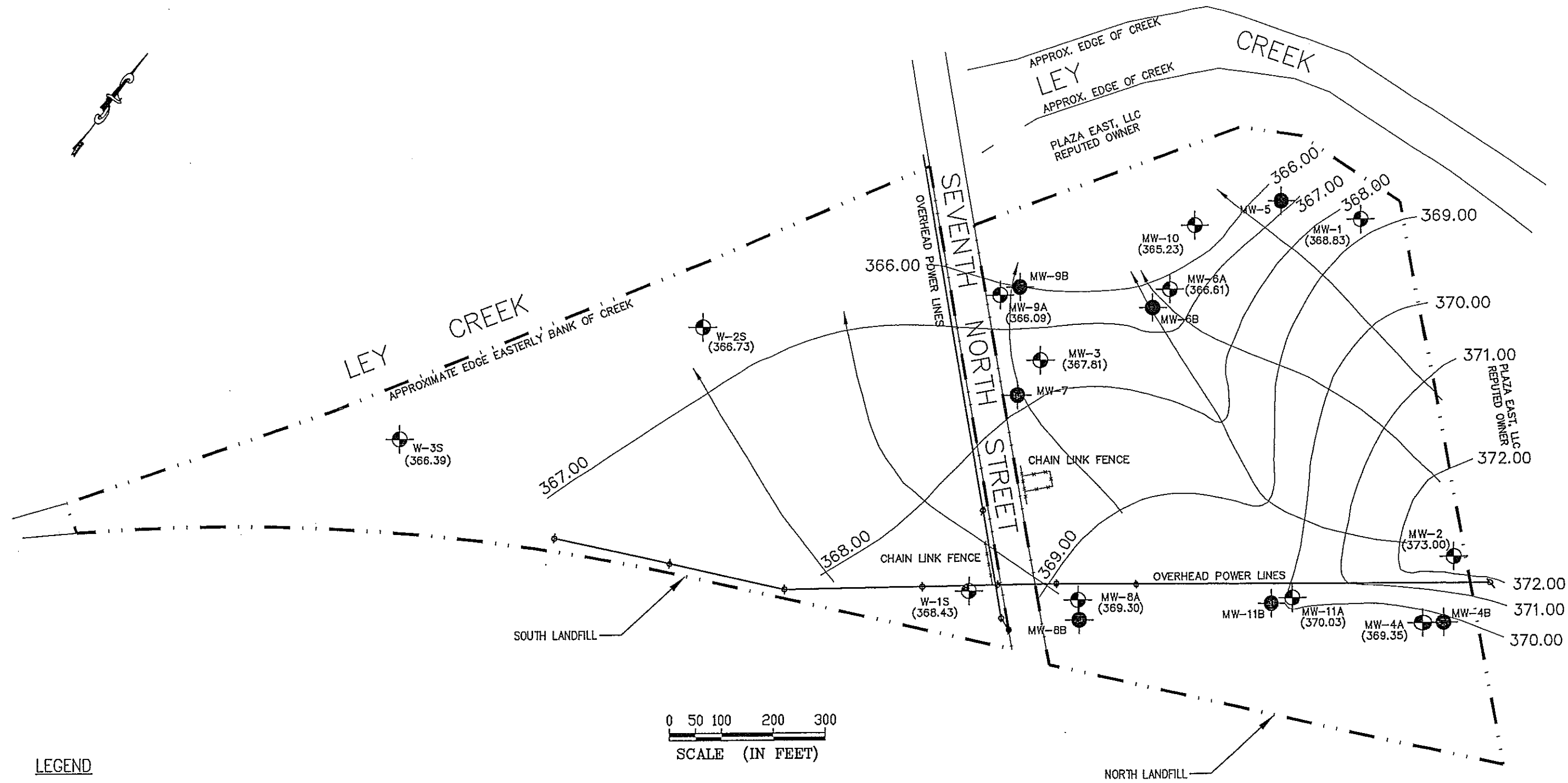
Soil borings indicated the presence of up to 11 feet of industrial fill material (foundry sand, core butts, miscellaneous debris) overlying 6 feet to 8 feet of peat deposits that were mixed with miscellaneous amounts of sand. Shallow groundwater was encountered in this unit. Materials underlying the peat layer consisted of 4 feet to 43 feet of a mixture of silt and clay, which was underlain by a water-bearing sand and gravel unit. The silt and clay unit appeared to be a confining layer between the upper peat layer and the lower sand and gravel deposits.

3.3 *HYDROGEOLOGIC INVESTIGATION RESULTS*

Previous hydrogeologic investigations at the Site encountered two groundwater flow systems beneath the north landfill and one beneath the south landfill (**Note:** the presence of the second flow system beneath the south landfill was not confirmed because deep borings and wells were not installed across the landfill). These findings were confirmed by wells which were installed during the PSA. The two groundwater flow systems which exist beneath the Site consist of a shallow water table aquifer, which is located in the peat and fill deposits, and a deep confined groundwater flow system in the sand and gravel deposits. The deep aquifer system is separated from the overlying shallow aquifer by a continuous confining layer of silt and clay deposits of varying thickness and is under artesian conditions.

3.3.1 *Shallow Aquifer*

Groundwater occurs in the shallow unconfined aquifer at depths of approximately 2 feet to 7 feet below grade (Attachment 3). Groundwater flow conditions across the Site are illustrated on Figure 3-2. Based on the groundwater flow map, groundwater flow in the shallow aquifer across the Site is generally to the west towards Ley Creek; however, in the northeast corner of the Site (area of wells MW-4A and MW-11A) groundwater flow



- LEGEND**
- SHALLOW AQUIFER MONITORING WELL
 - DEEP AQUIFER MONITORING WELL
 - (366.39) GROUNDWATER ELEVATION
 - 369.00 GROUNDWATER ELEVATION CONTOUR
 - GROUNDWATER FLOW DIRECTION
 - PROPERTY BOUNDARY

InteGreyted International 104 JAMESVILLE RD. SYRACUSE, NY 13214 PHONE: (315) 445-0224 FAX: (315) 445-0793	DRAWN BY MTG		SHALLOW AQUIFER GROUNDWATER ELEVATION CONTOUR MAP (6-30 TO 7-1 2004) CROUSE-HINDS FACILITY SYRACUSE, NY	
	PROJECT NO. 0310025P			
	DATE 9/17/04			
	SCALE AS ABOVE	PREPARED FOR: COOPER INDUSTRIES, INC	FIGURE: 3-2	

direction appears to be towards the east in the direction of wetlands that are located immediately adjacent to wells in that area of the Site. Groundwater contour and flow lines across the area of the north landfill appear to be deflected near the center of the landfill. This deflection is likely due to topography changes in the area, which are related to the presence of a fill mound to the north and a drop in thickness of the mound towards the south. The slope of the fill mound transitions to flatter areas of the Site in the central area of the north landfill, where the contour and flow deflections across the groundwater surface are most notable. The hydraulic gradient of the water table varies from 0.0025 feet/feet, across the south landfill and south central area of the north landfill, to 0.01 feet/feet, across the north central and northern area of the north landfill.

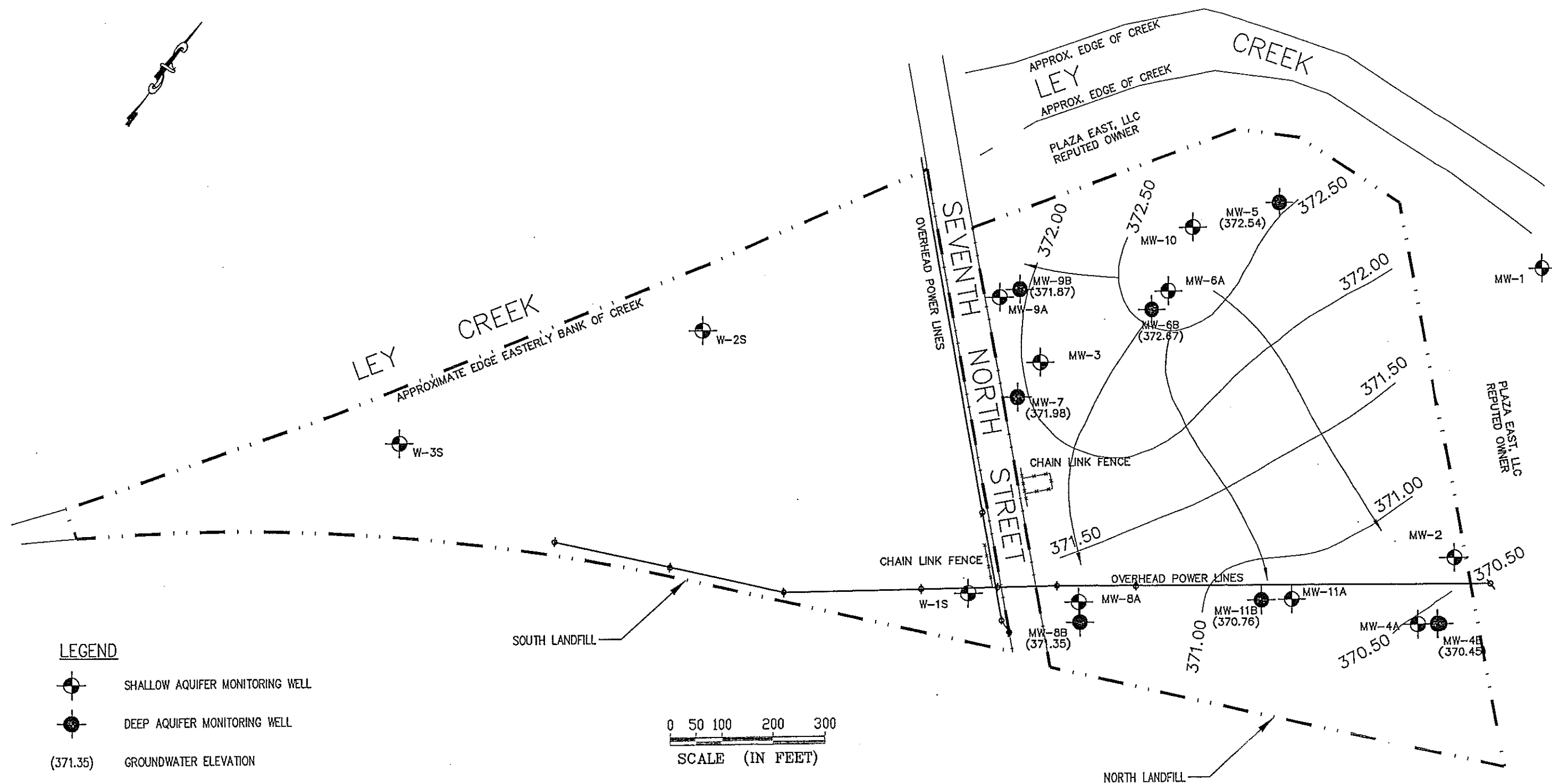
3.3.2 Deep Aquifer

Groundwater in the deep aquifer is under artesian conditions and groundwater elevations measured in the deep monitoring wells were measured at and/or above grade in all deep monitoring wells (Attachment 3). Groundwater flow conditions across the Site are illustrated on Figure 3-3. Based on the groundwater flow map, groundwater flow in the deep aquifer across the north landfill section of the Site is radial from the area of MW-6B to the southeast to northwest. The hydraulic gradient of the deep aquifer ranges between 0.0023 feet/feet to 0.003 feet/feet. Water level data in paired wells (MW-4A and MW-4B, MW-6A and MW-6B, MW-8A and MW-8B, MW-9A and MW-9B, and MW-11A and MW-11B) indicate that an upward vertical gradient is present in the deep aquifer.

3.4 ANALYTICAL RESULTS

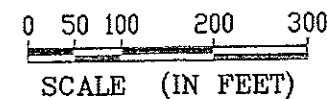
3.4.1 Test Pit Soil Analytical Results

Analytical results for test pit soil samples are presented on Tables 3-1, 3-2 and 3-3. A review of the analytical data for soils collected from 19 test pits (TP-1 to TP-19) indicated the following.



LEGEND

- SHALLOW AQUIFER MONITORING WELL
- DEEP AQUIFER MONITORING WELL
- (371.35) GROUNDWATER ELEVATION
- 372.00 GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- PROPERTY BOUNDARY



InteGreyted International 104 JAMESVILLE RD. SYRACUSE, NY 13214 PHONE: (315) 445-0224 FAX: (315) 445-0793	DRAWN BY MTG		DEEP AQUIFER GROUNDWATER ELEVATION CONTOUR MAP (6-30 TO 7-1 2004) CROUSE-HINDS FACILITY SYRACUSE, NY
	PROJECT NO. 0310025P		
	DATE 9/16/04		
	SCALE AS ABOVE	PREPARED FOR: COOPER INDUSTRIES, INC	
	FIGURE: 3- 3		

T-1
Test Pit Soil Sampling Analytical Results
VOCs and SVOCs
Crouse-Hinds Landfills

PARAMETER	TAGM 4046 Soil Cleanup Objectives (ppb)	SAMPLE ID / Sample Depth (feet)																			
		TP-1 (1' - 11')	TP-2 (1' - 8')	TP-3 (1' - 9.5')	TP-4 (1' - 8')	TP-5 (1' - 15')	TP-6 (0' - 11.5')	TP-7 (0' - 13')	TP-8 (0' - 3')	TP-9 (1' - 15')	TP-10 (1' - 15')	TP-10A (1) (1' - 15')	TP-11 (0' - 14.5')	TP-12 (1' - 11')	TP-13 (1' - 12')	TP-14 (1' - 7')	TP-15 (1' - 9')	TP-16 (1' - 15')	TP-17 (1' - 11')	TP-18 (1' - 10.5')	TP-19 (1' - 8')
Volatile Organic Compounds (ppb)																					
Chloroethane	1,900	ND	ND	ND	ND	ND	ND	ND	22 J	ND	ND	ND	32	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	100	2 J	3 J	5 J	5,400 JD	ND	10 J	7 J	4 J	2 J	1 J	6 J	3 J	2 J	6 J	2 J	7 J	2 J	2 J	ND	7 J
Acetone	200	17	30	25	1,000	87	13	9 J	100 J	28	8 J	40 J	36	32	17 J	2 J	13 J	14	25	6 J	9 J
Carbon Disulfide	2,700	3 J	ND	3 J	ND	ND	4 J	2 J	9 J	0.8 J	ND	6 J	2 J	2 J	8 J	2 J	8 J	ND	ND	ND	7 J
2-Butanone	300	2 J	4 J	3 J	ND	17 J	ND	2 J	8 J	4 J	ND	4 J	4 J	7 J	4 J	ND	ND	ND	7 J	ND	ND
Benzene	60	ND	ND	2 J	57 J	ND	4 J	1 J	ND	2 J	ND	3 J	6 J	2 J	2 J	ND	ND	ND	7 J	ND	ND
4-Methyl-2-Pentanone	1,000	ND	ND	ND	ND	ND	ND	ND	5 J	ND	ND	2 J	ND	ND	ND	ND	ND	ND	5 J	ND	2 J
Tetrachloroethene	1,400	ND	ND	ND	11 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2 J	ND	ND	ND	ND	ND
Toluene	1,500	ND	ND	3 J	120,000 D	80	4 J	2 J	8 J	2 J	ND	3 J	3 J	11 J	3 J	2 J	2 J	ND	3 J	ND	6 J
Chlorobenzene	1,700	ND	ND	ND	ND	ND	6 J	ND	ND	ND	ND	ND	ND	ND	21	12 J	4 J	ND	12 J	4 J	ND
Ethylbenzene	5,500	ND	ND	ND	15,000 D	830 D	13 J	ND	3 J	630 D	19	4 J	4 J	6 J	ND	ND	ND	ND	9 J	ND	2 J
Styrene	NS	ND	ND	ND	45 J	420	ND	ND	ND	7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	8,500	ND	ND	ND	ND	22 J	18 J	ND	ND	ND	ND	ND	ND	ND	22	8 J	4 J	ND	13 J	5 J	ND
1,2-Dichlorobenzene	7,900	ND	ND	ND	ND	ND	3 J	ND	ND	2 J	ND	ND	ND	ND	2 J	ND	ND	ND	ND	ND	ND
Xylenes, Total	1,200	ND	11 J	5 J	350	260	71 J	ND	25	26	5 J	13	12 J	45	4 J	ND	ND	4 J	34	ND	5 J
Semi-Volatile Organic Compounds (ppb)																					
Phenol	30 or MDL	ND	ND	88 J	240 J	980	1,500	1,400	2,300	3,900	930 J	1,300	2,000	110 J	ND	ND	ND	430	ND	ND	ND
2-Methylphenol	100 or MDL	ND	ND	91 J	84 J	760	830	440	530	170 J	800 J	830	690	81 J	ND	ND	ND	190 J	ND	ND	ND
4-Methylphenol	900	ND	57 J	170 J	94 J	830	940	420	300 J	210 J	990 J	1,100	820	170 J	ND	ND	ND	200 J	ND	ND	48 J
Nitrobenzene	200 or MDL	ND	ND	ND	3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	4,400	ND	ND	ND	ND	ND	410	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	NS	ND	ND	94 J	56 J	610	770	220 J	300 J	180 J	980 J	740	600	61 J	ND	ND	ND	120 J	ND	ND	ND
1,2,4-Trichlorobenzene	3,400	ND	ND	ND	ND	160 J	ND	ND	ND	ND	220 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	13,000	180 J	520	250 J	370 J	1,100	1,400	850	1,000	1,100	1,800 J	940	1,500	1,200	89 J	140 J	ND	350 J	140 J	110 J	280 J
4-Chloroaniline	220 or MDL	ND	ND	4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	240 or MDL	ND	ND	24 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	36,400	150 J	240 J	230 J	240 J	1,200	1,600	1,100	560	620	1,400 J	850	1,300	620	ND	92 J	ND	230 J	100 J	ND	210 J
2,4,5-Trichlorophenol	100	ND	ND	ND	ND	ND	130 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	230 J	100 J	ND	210 J
Acenaphthylene	41,000	ND	ND	74 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	50,000	410 J	100 J	190 J	840	200 J	460	ND	80 J	530	ND	70 J	620	610	ND	ND	ND	ND	98 J	ND	110 J
Dibenzofuran	6,200	ND	160 J	200 J	510	260 J	480	89 J	140 J	510	68 J	260 J	790	620	ND	ND	ND	82 J	90 J	ND	130 J
Fluorene	50,000	1,300 J	290 J	320 J	1,000	450	640	87 J	150 J	660	580 J	320 J	1,100	1,000	ND	100 J	ND	ND	160 J	ND	280 J
Phenanthrene	50,000	5,900 D	930	1,200	18,000 D	1,300	2,200 J	330 J	1,000	1,900	1,900 J	950	7,200 D	4,700 D	370 J	310 J	170 J	300 J	1,200	170 J	1,700
Anthracene	50,000	1,200 J	180 J	260 J	4,100 JD	260 J	660 J	79 J	260 J	330 J	130 J	210 J	1,400	1,300	83 J	ND	ND	57 J	210 J	ND	340 J
Di-n-butylphthalate	8,100	ND	ND	ND	ND	660	ND	ND	67 J	91 J	ND	ND	ND	44 J	71 J	140 J	98 J	ND	ND	ND	ND
Fluoranthene	50,000	1,800 J	620	1,200	40,000 D	300 J	1,600 J	130 J	1,100	800	380 J	280 J	7,500 D	2,700	740	230 J	320 J	150 J	1,200	190 J	2,200
Pyrene	50,000	2,300 DJ	460	2,600 J	29,000 D	700 J	2,800 DJ	100 J	1,800	750	740 J	400 J	5,800 D	3,400 D	760	460 J	620 J	120 J	2,400 J	140 J	3,000
Butylbenzylphthalate	50,000	ND	ND	47 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	224 or MDL	700 J	170 J	630 J	14,000 D	140 J	1,100 J	ND	610	150 J	230 J	110 J	2,600 J	1,500 J	360 J	91 J	190 J	47 J	660 J	82 J	1,000
Chrysene	400	1,000 J	230 J	960 J	17,000 D	240 J	1,100 J	53 J	670	160 J	150 J	130 J	2,700 J	1,400 J	420 J	180 J	270 J	73 J	840 J	97 J	1,200
Bis(2-Ethylhexyl)phthalate	50,000	ND	580	1,300	820 J	1,500 J	1,200 J	100 J	350 J	510	630 J	570	3,000 J	4,900 DJ	530 J	3,600 J	4,600 J	110 J	950 J	440 J	130 J
Di-n-octylphthalate	50,000	ND	ND	ND	ND	ND	83 J	ND	ND	ND	ND	96 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	1,100	750 J	230 J	1,200 J	20,000 D	220 J	1,500 J	41 J	1,100 J	140 J	140 J	110 J	4,000 D	1,700 J	550 J	130 J	360 J	71 J	1,000 J	93 J	1,500 J
Benzo(k)fluoranthene	1,100	310 J	72 J	330 J	7,500 JD	76 J	470 J	ND	300 J	ND	ND	ND	1,200 J	640 J	200 J	59 J	130 J	ND	330 J	ND	660 J
Benzo(a)pyrene	61 or MDL	460 J	150 J	770 J	12,000 D	140 J	970 J	ND	590 J	88 J	43 J	53 J	2,300 J	1,000 J	340 J	84 J	200 J	ND	710 J	ND	1,000 J
Indeno(1,2,3-cd)pyrene	3,200	190 J	54 J	380 J	3,800 JD	58 J	480 J	ND	250 J	ND	ND	ND	1,300 J	420 J	140 J	ND	130 J	ND	310 J	ND	450 J
Dibenz(a,h)anthracene	14 or MDL	ND	ND	150 J	1,400 J	54 J	170 J	ND	130 J	ND	ND	ND	410 J	150 J	ND	ND	ND	ND	150 J	ND	170 J
Benzo(g,h,i)perylene	50,000	360 J	50 J	390 J	3,500 JD	100 J	530 J	ND	300 J	ND	ND	45	1,200 J	410 J	140 J	58 J	150 J	ND	340 J	ND	430 J

Notes:

ND: Compound not detected.

NS: No Standard.

MDL: Method Detection Limit.

J: Estimated Value.

D: Identified in analysis at secondary dilution factor.

(1): Sample TP-10A is a duplicate of TP-10.

1,200 Analyte detected at concentration in excess of NYSDEC TAGM 4046 recommended soil cleanup objective.

T₁ -2
Test Pit Soil Sample Analytical Results
Pesticides, PCBs and Metals
Crouse-Hinds Landfills

PARAMETER	TAGM 4046 Soil Cleanup Objectives (ppb)	SAMPLE ID / Sample Depth (feet)																				
		TP-1 (1' - 11')	TP-2 (1' - 8')	TP-3 (1' - 9.5')	TP-4 (1' - 8')	TP-5 (1' - 15')	TP-6 (0' - 11.5')	TP-7 (0' - 13')	TP-8 (0' - 3')	TP-9 (1' - 15')	TP-10 (1' - 15')	TP-10A (4) (1' - 15')	TP-11 (0' - 14.5')	TP-12 (1' - 11')	TP-13 (1' - 12')	TP-14 (1' - 7')	TP-15 (1' - 9')	TP-16 (1' - 15')	TP-17 (1' - 11')	TP-18 (1' - 10.5')	TP-19 (1' - 8')	
Pesticides (ppb)																						
beta-BHC	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9 JP	ND	ND	ND	3.6	ND	ND	ND	
gamma-BHC (Lindane)	60	ND	0.8 JP	13 PJ	ND	1.1 JP	ND	ND	ND	ND	ND	ND	10 PJ	ND	ND	3 JP	12 J	36	ND	14 PJ	8.9 PJ	ND
Heptachlor	100	ND	ND	ND	ND	ND	ND	ND	ND	2.3 PJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aldrin	41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11 PJ	ND
Heptachlor epoxide	20	ND	ND	ND	ND	ND	ND	ND	ND	3.8 PJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	44	32 PJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.2 PJ	ND
4,4'-DDE	2,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17 PJ	2.2 JP	ND	ND	15 PJ	ND	5.4 J	ND	ND	ND
Endrin aldehyde	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.8 J	5.9 JP	ND	ND	ND	ND	6.1 PJ
PCBs (ppb)																						
Aroclor 1254	10,000 (I)	970 DJ	ND	540 DJ	ND	ND	ND	45 PJ	960 DJ	85	ND	ND	ND	280 DJ	340 D	770 J	700 D	100	370 DJ	1,200 DJ	250 DJ	
Aroclor 1260	10,000 (I)	150 J	ND	130 J	440 JD	2,700 DJ	ND	32 J	220 J	36 J	150 J	520 DJ	ND	71 J	160 J	210 J	150 J	ND	84 J	350 J	67 J	
Total PCBs (ppb)	10,000 (I)	1,120	ND	670	440	2,700	ND	77	1,180	121	150	520	ND	351	500	980	850	100	454	1,550	317	
Metals (ppm)	TAGM 4046 Soil Cleanup Objective (ppm)																					
Selenium	2 or SB	0.81 B	1.3	ND	ND	0.48 B	ND	0.37 B	0.52 B	0.39 B	ND	0.48 B	ND	1 B	2.2	2	ND	0.48 B	1.7 B	0.73 B	0.43 B	
Mercury	0.1	ND	0.037	0.1	0.084	ND	ND	ND	ND	ND	ND	ND	ND	0.24	0.44	0.44	0.26	ND	1.1	0.46	0.11	
Arsenic	7.5 or SB	6.7	18.9	8	2.3 B	3.8	5	6.7	21.6	1.7	3.8	3.5	3.5	7.8	9.6	15.2	11.4	6.4	8.8	8.6	8.2	
Barium	300 or SB	62.5	50.5	68.8	67	58.5	58.1	68.5	128	97.4	37.5 B	36.5 B	27.9 B	88.1	189	160	118	42.7 B	166	183	57.5	
Beryllium	0.16 or SB	0.3 B	0.45 B	0.25 B	1 B	0.47 B	0.33 B	0.5 B	0.66 B	0.8 B	0.43 B	0.45 B	0.29 B	0.32 B	0.3 B	0.28B	0.22 B	0.57 B	0.64 B	ND	0.47 B	
Cadmium	1 or SB	1.7	4	26.7	3.9	ND	1 B	ND	1,200	3.5	0.11 B	0.45 B	ND	8.2	9.5	70.2	1.1 B	ND	46.8	5.1	19	
Chromium	10 or SB	7.5 *	11.8 *	30.9 *	101 *	24.4 *	17 *	41.2 *	91.3 *	13.7 *	21.1 *	13.1 *	9.7 *	34.4 *	28.3 *	119 *	32.7 *	24.4 *	34.8 *	53.2 *	57.5 *	
Cobalt	30 or SB	2.6 B	5 B	3.9 B	3.4 B	2.7 B	5.5 B	5.2 B	11.1 B	1.9 B	2 B	1.9 B	1.8 *	3.9 B	7.3 B	12.4 B	10.9 B	4.1 B	6.9 B	4.9 B	5 B	
Copper	25 or SB	519 NJ	109 NJ	316 NJ	215 NJ	30 NJ	50 NJ	39.7 NJ	1,720 NJ	12.3 NJ	33.1 NJ	49.1 NJ	46.7 NJ	255 NJ	61.9 NJ	109 NJ	86.4 NJ	44.5 NJ	113 NJ	173 NJ	1,980 BNJ	
Iron	2,000 or SB	11,000 *	16,900 *	22,600 *	30,500	17,500 *	14,100 *	50,500 *	86,100 *	6,840 *	14,400 *	9,750 *	11,800 *	27,400 *	34,400 *	95,800 *	55,800 *	23,200 *	26,100 *	35,300 *	23,900 *	
Lead	SB (2)	36.7 EJ	36.3 EJ	88.3 EJ	80.8 EJ	36.8 EJ	50.3 EJ	52.6 EJ	335 EJ	68.4 EJ	61.8 EJ	142 EJ	45.2 EJ	76.8 EJ	44.3 EJ	234 EJ	214 EJ	45.8 EJ	43 EJ	379 EJ	151 EJ	
Nickel	13 or SB	8 B	15.8	17.1	28.2	15.5	15	28.6	64.5	4 B	12.3	7.5 B	11.8	20.5	18.9	36.4	34.1	26.2	29.5	19.5	19.7	
Silver	SB	ND	ND	ND	ND	ND	ND	ND	ND	0.62 BN	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vandium	150 or SB	7.6 B	13.4	12.1 B	14.4	8.1 B	9.7 B	5.9 B	27.1 B	4.8 B	6.3 B	4.8 B	4.4 B	11.3 B	17.9 B	15.1 B	6.5 B	9.9 B	20.1	11.3 B	18	
Zinc	20 or SB	282 NR	320 NR	646 NR	469 NR	166 NR	90.6 NR	86.3 NR	2,280 NR	147 R	178 NR	215 NR	149 NR	278 NR	271 NR	1,320 NR	368 NR	41.5 NR	920 NR	631 NR	526 NR	
Total Cyanide	NS (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	107
Notes:																						

Notes:
 ND: Compound not detected. NS: No Standard. MDL: Method Detection Limit. SB: Site Background.

(1): Cleanup objective for subsurface soils.

(2): Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm.

(3): Some forms of Cyanide are complex and very stable while other forms are pH dependent and hence are very unstable. Site-specific form(s) of Cyanide should be taken into consideration when establishing soil cleanup objective.

(4): Sample TP-10A is a duplicate of TP-10.

1,200 Analyte detected at concentration in excess of NYSDEC TAGM 4046 recommended soil cleanup objective.

Organic Data Qualifiers:

J: Estimated Value.

D: Identified in analysis at secondary dilution factor.

P: Used for pesticide/Aroclor target analyte when there is 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported and flagged.

Inorganic Data Qualifiers:

E: Estimated value due to interferences.

J or B: Value greater than or equal to the instrument detection limit, but less than the quantitation limit.

N: Spike sample recovery not within quality control limits.

*: Analysis is not within quality control limits.

R: Data validation rejected data.

T/ 3
Test Pit Soil Sample Analytical Results
Waste Characterization Analyses
Crouse-Hinds Landfills

PARAMETER	Maximum Concentration of Contaminants for the Toxicity Characteristic (ppb)	SAMPLE ID / Sample Depth (feet)									
		TP-5-WC (1' - 15')	TP-6-WC (0' - 11.5')	TP-7-WC (0' - 13')	TP-8-WC (0' - 3')	TP-9-WC (1' - 15')	TP-10-WC (1' - 15')	TP-13-WC (1' - 12')	TP-14-WC (1' - 7')	TP-16-WC (1' - 15')	TP-17-WC (1' - 11')
Volatile Organic Compounds (ppb)											
Vinyl Chloride	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	200,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	6,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (ppb)											
Pyridine	5,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	7,500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol (o-cresol)	200,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	3,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol (m/p-cresol)	200,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	2,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	2,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	400,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	130	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	130	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)											
Arsenic	5,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium	100,000	631	ND	ND	940	ND	ND	478	884	ND	660
Cadmium	1,000	ND	ND	ND	215	69.3	ND	ND	340	ND	46.6
Chromium	5,000	26.5	ND	20.1	ND	27.5	32.8	ND	ND	ND	ND
Lead	5,000	ND	ND	ND	ND	413	ND	ND	ND	ND	ND
Mercury	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	5,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides/Herbicides (ppb)											
gamma-BHC (Lindane)	400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	10,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Technical Chlordane	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-D	10,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-TP (Silvex)	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other											
Ignitability (Flashpoint) F°	≤140 F°	>200	>200	>200	>200	>200	>200	>200	>200	>200	>200
Corrosivity (pH Solid)	≤ 2 or 12.5 ≥	9.37	8.27	10.18	9.28	8.88	9.13	7.69	7.70	8.21	7.20
H2S (mg/kg)	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
HCN (mg/kg)	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

ND: Compound not detected.

NS: No Standard.

1,200 Analyte detected at concentration in excess of Maximum Concentration for the Toxicity Characteristic.

- VOCs (acetone, methylene chloride, toluene and ethylbenzene) were detected in one test pit sample (TP-4), located at the northwest corner of the North Landfill, at concentrations in excess of NYSDEC TAGM 4046 recommended soil cleanup objectives. VOCs were detected in all of the remaining test pit samples; however, concentrations were below soil cleanup objectives. Elevated concentrations of VOCs detected in the sample from test pit 4 (TP-4) correlate with observations and field screening data, which indicated the presence of petroleum impacts in fill material in this test pit. Concentrations of VOCs detected in the remaining test pit soil samples were minimal and showed no discernible pattern of distribution across the Site.
- A minimum of one SVOC was detected in all test pit samples, with the exception of TP-18, at concentrations in excess of TAGM 4046 recommended soil cleanup objectives. SVOCs were detected in TP-18, but at concentrations below soil cleanup objectives. Phenolic compounds were detected in all samples from test pits TP-3 to TP-12 and TP-16. These test pits contained industrial fill and foundry sand. Samples from test pits which contained municipal fill (TP-13 to TP-15 and TP-17 to TP-19) did not contain phenolic compounds. In addition, samples collected from test pits where industrial fill was present (TP-1 to TP-12 and TP-16) generally contained higher concentrations of SVOCs with respect to samples from test pits where municipal fill was present (TP-13 to TP-15 and TP-17 to TP-19). Distribution of higher concentrations of SVOCs in the test pit samples appears to be related to the presence of industrial fill containing foundry sand, which appeared to contain degraded oils.
- Pesticides were detected in all test pit samples, with the exception of TP-4, TP-6 to TP-8, and TP-10, at concentrations below TAGM 4046 recommended soil cleanup objectives. Concentrations of pesticides detected were minimal and showed no discernible pattern of distribution across the Site.
- PCBs were detected in all test pit samples with the exception of TP-2, TP-6 and TP-11. Where detected, PCBs were present at concentrations below TAGM 4046 recommended soil cleanup objectives. No discernable pattern of distribution across the Site was observed.

- A minimum of three metals were detected in all test pit samples at concentrations in excess of TAGM 4046 recommended soil cleanup objectives. No discernable pattern of distribution across the Site was observed.
- Cyanide was detected in only one test pit sample (TP-19). However, since there is no established TAGM 4046 recommended soil cleanup objective for cyanide, an evaluation of the impact to the Site could not be made.
- Waste characterization analytical data for 10 soil samples collected from test pits (TP-5WC to TP-10WC, TP-13WC, TP14WC, TP-16WC AND TP-17WC) indicated that VOCs, SVOCs, pesticides, and herbicides were not detected. Several metals including, barium, chromium, cadmium, and lead were detected in eight of the ten samples; however, concentrations were below the maximum concentration of contaminants for the toxicity characteristic as defined by USEPA. Additional characterization analyses performed on the samples, which included flash point, corrosivity and reactivity indicated that the samples did not exhibit hazardous characteristics. Since the soil samples did not exhibit hazardous characteristics and because concentrations of contaminants detected (metals) were below the maximum concentrations for the toxicity characteristic, all of the soils and materials tested are classified as non-hazardous by nature.

3.4.2 *Surface Soil Analytical Results*

Analytical results for surface soil samples are presented on Tables 3-4 and 3-5. A review of the analytical data for surface soils collected at 10 locations (SS-1 to SS-10) across the Site indicated the following.

- VOCs were detected in all samples; however, concentrations were below TAGM 4046 recommended soil cleanup objectives. Concentrations of VOCs detected were minimal and showed no discernible pattern of distribution across the Site.
- A minimum of one SVOC was detected in all surface soil samples at concentrations in excess of TAGM 4046 recommended soil cleanup objectives. Phenolic compounds were detected in four of the five surface soil samples collected on the

TA 3-4
Surface Soil Sample Analytical Results
VOCs and SVOCs
Crouse-Hinds Landfills

PARAMETER	TAGM 4046 Soil Cleanup Objectives (ppb)	SAMPLE ID / Sample Depth (feet)									
		SS-1 (0' - 0.5')	SS-2 (0' - 0.5')	SS-3 (0' - 0.5')	SS-4 (0' - 0.5')	SS-5 (0' - 0.5')	SS-6 (0' - 0.5')	SS-7 (0' - 0.5')	SS-8 (0' - 0.5')	SS-9 (0' - 0.5')	SS-10 (0' - 0.5')
Volatile Organic Compounds (ppb)											
Methylene Chloride	100	ND	ND	2 J	ND	19	2 J	2 J	23 J	42	21 J
Acetone	200	25	3 J	27	70	12 J	13 J	6 J	3 J	36	16 J
Carbon Disulfide	2,700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	300	ND	ND	ND	ND	ND	ND	ND	2 J	2 J	ND
2-Butanone	300	ND	ND	ND	12 J	ND	ND	ND	ND	ND	ND
Toluene	1,500	ND	ND	ND	ND	ND	3 J	ND	ND	ND	ND
Semi-Volatile Organic Compounds (ppb)											
Phenol	30 or MDL	ND	ND	ND	ND	ND	2,000	72 J	280 J	ND	200 J
2-Methylphenol	100 or MDL	ND	ND	ND	ND	ND	690	96 J	54 J	ND	110 J
4-Methylphenol	900	ND	ND	ND	95 J	ND	410 J	140 J	ND	ND	87 J
2,4-Dimethylphenol	NS	ND	ND	ND	ND	ND	320 J	ND	ND	ND	38 J
Naphthalene	13,000	ND	ND	ND	100 J	130 J	2,100	250 J	290 J	64 J	290 J
2-Methylnaphthalene	36,400	ND	ND	ND	150 J	160 J	3,000	270 J	250 J	67 J	380 J
Acenaphthylene	41,000	ND	ND	ND	ND	46 J	ND	ND	ND	ND	ND
Dimethylphthalate	2,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	420
Acenaphthene	50,000	ND	ND	ND	ND	46 J	130 J	ND	ND	ND	ND
Dibenzofuran	6,200	ND	ND	ND	ND	84 J	340 J	94 J	57 J	ND	100 J
Fluorene	50,000	ND	ND	ND	ND	ND	190 J	51 J	ND	ND	ND
Phenanthrene	50,000	730	180 J	100 J	950	1,000	1,500	610 J	200 J	460	470
Anthracene	50,000	150 J	ND	ND	160 J	220 J	380 J	120 J	ND	82 J	87 J
Di-n-butylphthalate	8,100	ND	ND	ND	ND	ND	ND	ND	56 J	60 J	110 J
Fluoranthene	50,000	1,600	300 J	180 J	1,600	1,200	860	580	92 J	830	220 J
Pyrene	50,000	1,700	300 J	170 J	4,300 J	1,500	1,400	1,100 J	180 J	1,800 J	560 J
Butylbenzylphthalate	50,000	ND	ND	ND	160 J	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	224 or MDL	810	140 J	71 J	1,200 J	640	450 J	330 J	ND	540 J	180 J
Chrysene	400	950	160 J	110 J	1,600 J	760	460	400 J	73 J	680 J	220 J
Bis(2-Ethylhexyl)phthalate	50,000	150 J	71 J	95 J	450 J	120 J	690	700 J	160 J	160 J	220 J
Di-n-octylphthalate	50,000	ND	ND	ND	ND	ND	79 J	ND	ND	ND	ND
Benzo(b)fluoranthene	1,100	1,200	200 J	130 J	3,000 J	980	500 J	530 J	93 J	1,100 J	330 J
Benzo(k)fluoranthene	1,100	500 J	72 J	54 J	1,100 J	280 J	190 J	160 J	ND	430 J	100 J
Benzo(a)pyrene	61 or MDL	810	130 J	82 J	1,700 J	620	350 J	310 J	50 J	680 J	180 J
Indeno(1,2,3-cd)pyrene	3,200	350 J	57 J	ND	940 J	320 J	150 J	170 J	ND	310 J	110 J
Dibenz(a,h)anthracene	14 or MDL	120 J	ND	ND	400 J	120 J	57 J	77 J	ND	120 J	ND
Benzo(g,h,i)perylene	50,000	330 J	52 J	ND	910 J	340 J	150 J	150 J	ND	330 J	130 J

Notes:

ND: Compound not detected.

NS: No Standard.

MDL: Method Detection Limit.

J: Estimated Value.

1,200

Analyte detected at concentration in excess of NYSDEC TAGM 4046 recommended soil cleanup objective.

TABLE 3-5
Surface Soil Sample Analytical Results
Pesticides, PCBs and Metals
Crouse-Hinds Landfills

PARAMETER	TAGM 4046 Soil Cleanup Objectives (ppb)	SAMPLE ID / Sample Depth (feet)									
		SS-1 (0' - 0.5')	SS-2 (0' - 0.5')	SS-3 (0' - 0.5')	SS-4 (0' - 0.5')	SS-5 (0' - 0.5')	SS-6 (0' - 0.5')	SS-7 (0' - 0.5')	SS-8 (0' - 0.5')	SS-9 (0' - 0.5')	SS-10 (0' - 0.5')
Pesticides (ppb)											
beta-BHC	200	ND	1.2 J	1.6 J	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	2,100	9.7 PJ	2 J	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	2,100	ND	ND	8.1 J	ND	ND	ND	ND	ND	ND	ND
PCBs (ppb)											
Aroclor 1242	(see total)	190 PJ	14 JP	29	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	(see total)	980 DJ	21 J	73	ND	ND	ND	ND	18 J	56	ND
Aroclor 1260	(see total)	340 DJ	13 J	49	260	ND	ND	22 JP	30 J	130	ND
Total PCBs	1,000 (1)	1,510	48	151	260	ND	ND	22	48	186	ND
Metals (ppm)	TAGM 4046 Soil Cleanup Objective (ppm)										
Selenium	2 or SB	1.2 B	ND	ND	0.79 BJ	0.63 B	ND	ND	ND	0.61 BW	ND
Mercury	0.1	0.24	0.093	0.12	0.4 J	0.26	ND	0.099	ND	0.089	ND
Arsenic	7.5 or SB	6.1	2.7 B	8	5.1 J	2.6 B	0.92 B	1.3 B	3.4	12.4	ND
Barium	300 or SB	114	105	141	424 J	99.6	22 B	43.1 B	63.7	90.7	91.9
Beryllium	0.16 or SB	0.48 B	0.41 B	0.48 B	0.56 BJ	0.55 B	0.34 B	0.2 B	0.5 B	0.76 B	0.51 B
Cadmium	1 or SB	17.4	ND	6.3 *	33.6 J	173	ND	0.27 B	ND	2.4	ND
Chromium	10 or SB	106	16.7	35.5	83.6 J	196	8.6	13.9	21.8	21.8	175
Cobalt	30 or SB	7.4 B	10.8 B	12.9 B	9.6 BJ	3.8 B	2.1 B	4.3 B	4.3 B	5.9 B	7.5 B
Copper	25 or SB	116	27.9	63.3	217 J	440	14.9	26.4	60.1	330	117
Iron	2,000 or SB	17,900	18,500	25,300	37,400 J	21,200	8,590	14,000	21,400	17,100	60,500
Lead	SB (2)	87.7	82.2	37.6 *	294 J	96.5	9.4 *	39.1	55.6	165	48.7
Nickel	13 or SB	31.8	24.7	41	37.2 J	19.7	13.5	11.9	19	17.7	91.2
Silver	SB	4.1 NJ	ND	1.4 BNJ	2.6 BNJ	1.6 BNJ	ND	ND	ND	ND	ND
Vandium	150 or SB	16.5	16.7	19.9	37.5 J	11.6 B	3.4 B	7.8 B	9.2 B	15.9	19.6 B
Zinc	20 or SB	433 EJ	108 EJ	187 N*J	1,670 EJ	1,820 EJ	56 N*J	273 EJ	508 EJ	290 EJ	647 J
Total Cyanide	NS (3)	ND	ND	ND	7.8 NJ	49 NJ	ND	ND	2.2 J	ND	ND

Notes:

ND: Compound not detected.

NS: No Standard.

MDL: Method Detection Limit.

SB: Site Background.

(1): Cleanup objective for surface soils.

(2): Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm.

(3): Some forms of Cyanide are complex and very stable while other forms are pH dependent and hence are very unstable. Site-specific form(s) of Cyanide should be taken into consideration when establishing soil cleanup objective.

1,200

Analyte detected at concentration in excess of NYSDEC TAGM 4046 recommended soil cleanup objective.

Organic Data Qualifiers:

J: Estimated Value.

D: Identified in analysis at secondary dilution factor.

P: Used for pesticide/Aroclor target analyte when there is 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported and flagged.

Inorganic Data Qualifiers:

E: Estimated value due to interferences.

J or B: Value greater than or equal to the instrument detection limit, but less than the quantitation limit.

N: Spike sample recovery not within quality control limits.

*: Analysis is not within quality control limits.

W: Post digestion spike for furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

north landfill (SS-6 to SS-8 and SS-10) where industrial fill, which contained foundry sand, was present. Samples from areas across the south landfill (SS-1 to SS-5) where municipal fill was present did not contain phenolic compounds. Distribution of the remaining SVOCs detected showed no discernible pattern across the Site.

- Pesticides were detected in three surface soil samples (SS-1 to SS-3) located across the south half of the south landfill at concentrations below TAGM 4046 recommended soil cleanup objectives. Pesticides were not detected in surface soil samples located across the remainder of the south landfill or the north landfill.
- PCBs (total) were detected in one surface soil sample (SS-1), which is located near Ley Creek, at a concentration in excess of TAGM 4046 recommended soil cleanup objectives. PCBs were detected in 6 additional surface soil samples; however, concentrations were below soil cleanup objectives. No discernable pattern of distribution across the Site was observed. The presence of PCBs at the Site may be attributed to the historic flooding of Ley Creek, which contains PCB contaminated sediments.
- A minimum of four metals were detected in all surface soil samples at concentrations in excess of TAGM 4046 recommended soil cleanup objectives. No discernable pattern of distribution across the Site was observed.
- Cyanide was detected in three surface soil samples (SS-4, SS-4 and SS-8). However, since there is no established TAGM 4046 recommended soil cleanup objective for cyanide, an evaluation of the impact to the Site could not be made.

3.4.3 Sediment Analytical Results

Analytical results for sediment samples are presented on Tables 3-6 and 3-7. A review of the analytical data for sediment samples (SED-1 to SED-5) collected at five locations along Ley Creek indicated the following.

- VOCs and SVOC were detected in all sediment samples; however, all concentrations were below NYSDEC sediment screening values. Concentrations of VOCs and SVOCs in upstream sample (SED-4) and downstream samples

TAI 3-6
Sediment Sample Analytical Results
VOCs and SVOCs
Crouse-Hinds Landfills

PARAMETER	Human Health Bioaccumulation Criteria (ppb)	Benthic Aquatic Life Acute Toxicity (ppb)	Benthic Aquatic Life Chronic Toxicity (ppb)	Wildlife Bioaccumulation (ppb)	SAMPLE ID / Sample Depth (feet)					
					SED-1 (0' - 0.5')	SED-2 (0' - 0.5')	SED-3 (0' - 0.5')	SED-4 (0' - 0.5')	SED-5 (1) (0' - 0.5')	SED-6 (0' - 0.5')
Volatile Organic Compounds (ppb)										
Acetone	NS	NS	NS	NS	64	80	39	59	31	150
2-Butanone	NS	NS	NS	NS	15 J	26	10 J	9 J	6 J	34
Toluene	NS	235,000	49,000	NS	ND	60	ND	ND	ND	7 J
Chlorobenzene	NS	50,000	34,600	NS	ND	ND	ND	22	ND	ND
1,4-Dichlorobenzene	NS	NS	NS	NS	ND	ND	ND	6 J	ND	ND
Semi-Volatile Organic Compounds (ppb)										
Naphthalene	NS	258,000	30,000	NS	ND	94 J	ND	ND	ND	ND
2-Methylnaphthalene	NS	304,000	34,000	NS	ND	81 J	ND	ND	ND	ND
Acenaphthene	NS	NS	140,000 E	NS	120 J	160 J	93 J	63 J	ND	ND
Dibenzofuran	NS	NS	NS	NS	ND	85 J	ND	ND	ND	ND
Fluorene	NS	73,000	8,000	NS	120 J	170 J	96 J	80 J	72 J	ND
Phenanthrene	NS	NS	120,000 E	NS	1,400	2,400	1,300	1,200	970	570 J
Anthracene	NS	986,000	107,000	NS	240 J	410 J	230 J	200 J	180 J	97 J
Fluoranthene	NS	NS	1,020,000 E	NS	2,500	4,300	2,700	2,000	1,900	1,000
Pyrene	NS	8,775,000	961,000	NS	5,300 J	9,900 D	5,100 J	4,300 J	3,600 J	1,700 J
Butylbenzylphthalate	NS	NS	NS	NS	85 J	100 J	100 J	93 J	74 J	ND
Benzo(a)anthracene	NS	94,000	12,000	NS	1,400 J	2,200 J	1,300 J	1,100 J	960 J	520 J
Chrysene	1,300	NS	NS	NS	2,000 J	3,200 J	1,800 J	1,600 J	1,200 J	700 J
Bis(2-Ethylhexyl)phthalate	NS	NS	199,500	NS	1,600 J	1,700 J	1,300 J	720 J	790 J	250 J
Di-n-octylphthalate	NS	NS	NS	NS	ND	110 J	ND	ND	ND	ND
Benzo(b)fluoranthene	1,300	NS	NS	NS	3,500 J	5,000 J	3,000 J	2,500 J	1,900 J	1,000 J
Benzo(k)fluoranthene	1,300	NS	NS	NS	1,300 J	1,700 J	890 J	780 J	740 J	330 J
Benzo(a)pyrene	1,300	NS	NS	NS	1,900 J	2,900 J	1,600 J	1,400 J	1,200 J	630 J
Indeno(1,2,3-cd)pyrene	1,300	NS	NS	NS	920 J	1,500 J	790 J	810 J	650 J	400 J
Dibenz(a,h)anthracene	NS	NS	NS	NS	290 J	470 J	290 J	280 J	290 J	180 J
Benzo(g,h,i)perylene	NS	NS	NS	NS	830 J	1,500 J	770 J	840 J	680 J	390 J

Notes:

ND: Compound not detected.

NS: No Standard.

J: Estimated Value.

D: Identified in analysis at secondary dilution factor.

(1): SED-5 is a duplicate sample of SED-3.

E: EPA Proposed sediment quality criterion for the protection of benthic organisms.

1,200

Analyte detected at concentration in excess of NYSDEC Technical Guidance for Screening Contaminated Sediments.

TA 3-7
Sediment Sample Analytical Results
Pesticides, PCBs and Metals
Crouse-Hinds Landfills

PARAMETER	Human Health Bioaccumulation Criteria (ppb)	Benthic Aquatic Life Acute Toxicity (ppb)	Benthic Aquatic Life Chronic Toxicity (ppb)	Wildlife Bioaccumulation (ppb)	SAMPLE ID / Sample Depth (feet)					
					SED-1 (0' - 0.5')	SED-2 (0' - 0.5')	SED-3 (0' - 0.5')	SED-4 (0' - 0.5')	SED-5 (1) (0' - 0.5')	SED-6 (0' - 0.5')
Pesticides (ppb)										
gamma-BHC (Lindane)	NS	NS	NS	NS	ND	ND	ND	37 P	39 P	ND
PCBs (ppb)										
Aroclor 1242	0.8	2,760,800	19,300	1,400	1,800 DJ	3,000 DJ	2,900 DJ	2,200 DJ	2,700 DJ	930 DJ
Aroclor 1254	0.8	2,760,800	19,300	1,400	1,100 DJ	1,200 DJ	1,600 DJ	1,200 DJ	1,600 DJ	770 DJ
Aroclor 1260	0.8	2,760,800	19,300	1,400	220 J	260 J	250 J	180 J	250 J	150 J
Total PCBs	0.8	2,760,800	19,300	1,400	3,120	4,460	4,750	3,580	4,550	1,850
TOTAL ORGANIC CARBON	NS	NS	NS	NS	70,700	52,300	51,700	53,100	57,800	69,300
Metals (ppm)	Lowest Effect Level (ppm)	Severe Effect Level (ppm)								
Selenium	NS	NS			ND	ND	ND	ND	ND	1.1 BW
Mercury	0.15	1.3			0.19 J	ND	ND	0.097	0.15 J	0.26
Arsenic	6	33			3.7 BJ	5.0 J	4.1 BJ	1.9 B	3.8 BJ	9
Barium	NS	NS			107 J	89.9 BJ	119	82.9	99.5 J	349
Beryllium	NS	NS			0.31 BJ	0.31 BJ	0.42 BJ	0.29 B	0.31 BJ	0.76 B
Cadmium	0.6	9			5.2 J	2.8 J	5.7 *J	0.66 BJ	2.6 J	21.1 J
Chromium	26	110			74.2 J	78.3 J	97.9 J	49.3	72.8 J	67.3
Cobalt	NS	NS			7.5 BJ	7.8 BJ	8.8 BJ	6.7 B	8.6 B J	6.4 B
Copper	16	110			102 J	105 J	120 J	89.1	105 J	99.1
Iron	20,000	40,000			16,400 J	14,600 J	18,800 J	13,900	18,600 J	32,400
Lead	31	110			80 J	80.3 J	171 *J	80.1	127 J	46 *
Nickel	16	50			33.5 J	37.7 J	45.7 J	26.7	35.8 J	40.8
Silver	1	2			2.6 BNJ	2.4 BNJ	3 BNJ	2.4 BNJ	2.6 BNJ	2.9 BNJ
Vandium	NS	NS			16.6 BJ	18 BJ	20.4 BJ	15.1 B	19.1 BJ	20.2
Zinc	120	270			358 EJ	363 EJ	333 N*J	274 EJ	326 EJ	405 N*J
Total Cyanide	NS	NS			ND	ND	ND	ND	ND	ND

Notes:

ND: Compound not detected.

NS: No Standard.

(1): SED-5 is a duplicate sample of SED-3.

1,200

Analyte detected at concentration in excess of Human Health Bioaccumulation Criteria.

1,200

Analyte detected at concentration in excess of Human Health and Wildlife Bioaccumulation Criteria.

1,200

Analyte detected at concentration in excess of lowest effect level.

1,200

Analyte detected at concentration in excess of severe effect level.

Organic Data Qualifiers:

J: Estimated Value.

D: Identified in analysis at secondary dilution factor.

P: Used for pesticide/Aroclor target analyte when there is 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported and flagged.

Inorganic Data Qualifiers:

E: Estimated value due to interferences.

*: Analysis is not within quality control limits.

N: Spike sample recovery not within quality control limits.

J or B: Value greater than or equal to the instrument detection limit, but less than the quantitation limit.

W: Post digestion spike for furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

- (SED-1 to SED-3 and SED-6) showed no discernable differences in concentrations or distribution along Ley Creek.
- One pesticide (gamma-BHC) was detected in the upstream sediment sample (SED-4) at a concentration below NYSDEC sediment screening values. Pesticides were not detected in the downstream sediment samples.
- PCB Aroclors 1242, 1254 and 1260 were detected in all sediment samples. Concentrations of Aroclor 1242 exceeded the human health and wildlife bioaccumulation screening values for all samples with the exception of SED-6. Concentrations of Aroclor 1254 exceeded the human health bioaccumulation screening values for all samples, and the wildlife accumulation criteria for one sample (SED-3). Concentrations of Aroclor 1260 exceeded the human health bioaccumulation screening values for all samples. Concentrations of total PCBs exceeded the human health and wildlife bioaccumulation screening values for all samples. Concentrations of PCBs detected in sediment samples at upstream and downstream locations were similar in concentration and showed no discernable differences in concentration between any of the sampling locations. **Note:** PCB impacts in sediment have been documented in Ley Creek during sediment sampling activities conducted by others in 1996 and 1997. The PSA results will be compared to these data that were generated by others in Section 4.0 of this report.
- A minimum of seven metals were detected in all sediment samples at concentrations which exceeded sediment-screening values for lowest and severe effect levels. Concentrations of metals detected in sediment samples at upstream and downstream locations were similar in concentration and showed no discernable differences in concentration between any of the sampling locations.
- Cyanide was not detected in any sediment sample.

3.4.4 *Surface Water Analytical Results*

Analytical results for surface water samples are presented on Table 3-8. A review of the analytical data for surface water samples collected at four locations along Ley Creek (SW-1 to SW-4) indicated the following.

TABLE 3-8
Surface Water Sample Analytical Results
VOCs, SVOCs, Pesticides, PCBs and Metals
Crouse-Hinds Landfills

PARAMETER	NYSDEC Class C Surface Water Standard (ppb)	SAMPLE ID						
		SW-1	SW-2	SW-3	SW-4	SW-5 (2)	L-1 *	L-2 *
Volatile Organic Compounds (ppb)								
Acetone	NS	ND	ND	ND	ND	ND	12	ND
Benzene	10	ND	ND	ND	ND	ND	ND	2 J
Toluene	6,000	ND	ND	ND	ND	ND	ND	2 J
Chlorobenzene	400	ND	ND	ND	ND	ND	2 J	ND
Total-1,2-Dichloroethene	NS	4 J	5 J	7 J	7 J	7 J	ND	ND
Semi-Volatile Organic Compounds (ppb)								
Di-n-butylphthalate	NS	ND	ND	2 J	4 J	12 J	4 J	ND
Bis(2-Ethylhexyl)phthalate	1	3 J	8 J	3 J	3 J	7 J	4 J	2 J
Benzo(b)fluoranthene	NS	ND	4 J	ND	1 J	ND	ND	ND
Total Phenols	5	ND	ND	ND	ND	ND	49	40
Pesticides (ppb)								
gamma-BHC (Lindane)	NS	0.02 JP	ND	ND	0.03 J	0.01 J	ND	ND
PCBs (ppb)								
Aroclor 1242	0.000001	ND	ND	ND	0.86	ND	ND	ND
Total PCBs	0.000001	ND	ND	ND	0.86	ND	ND	ND
Metals (ppm)								
Selenium	5	1.4 BS	1.8 BW	ND	1.3 BW	ND	ND	2.5 BW
Mercury	0.0007	ND	ND	ND	ND	ND	ND	ND
Arsenic	150	3.4 B	ND	ND	4.7 B	ND	14.4	3.2 B
Barium	NS	151 B	142 B	106 B	174 B	106 B	739	83.6 B
Beryllium	11	ND	ND	ND	ND	ND	ND	ND
Cadmium	NS (1)	ND	1.1 B	ND	1 B	ND	50.6	ND
Chromium	NS (1)	9.5 B	18.8	2.8 B	30.4	2.2 B	15.8	ND
Cobalt	5	3.6 B	ND	ND	4.6 B	ND	7 B	ND
Copper	NS (1)	17.6 B	34.1	6.1 B	60.2	6.2 B	63	9.1 B
Iron	300	4,460	5,700	994	11,000	958	78,200	14,300
Lead	NS (1)	22.8	38.8	11.3	84.2	11.9	51.6	9.2
Nickel	NS (1)	9.1 B	11.6 B	4.3 B	26.1 B	4.3 B	15.7 B	5.3 B
Silver	0.1	ND	ND	ND	ND	ND	ND	ND
Vandium	14	4.5 B	7 B	ND	13.1 B	ND	4.8 B	ND
Zinc	NS (1)	76.4	137	12.8	298	12.1	1,360	39.2
Total Cyanide	9,000	ND	ND	ND	ND	ND	0.019	ND

Notes:

ND: Compound not detected.

NS: No Standard.

(1): No standard. The Standard is calculated based on total hardness, which was not analyzed. Therefore, a standard could not be calculated.

(2): SW-5 is a duplicate sample of SW-3.

*: Standard not applicable. Samples collected from onsite drainage ditches and not a Class C stream. No standard for leachate.

1,200 Analyte detected at concentration in excess of NYSDEC Class C Surface Water Standard.

Organic Data Qualifiers:

J: Estimated Value.

Inorganic Data Qualifiers:

P: Used for pesticide/Aroclor target analyte when there is 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported and flagged.

J or B: Value greater than or equal to the instrument detection limit, but less than the quantitation limit.

S: Value determined by Method of Standard Addition.

W: Post digestion spike for furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

- One VOC (total 1,2-Dichloroethene) was detected in all samples at low concentrations. However, since there is no established NYSDEC Class C surface water standard for this analyte, an evaluation of the impact to surface water could not be made.
- One SVOC (Bis (2-Ethylhexyl) phthalate) was detected in all surface water samples at a concentration slightly in excess of the NYSDEC Class C surface water standard. However, this analyte was not detected above applicable standards in either surface soil or groundwater samples. Other SVOCs were detected in the surface water samples; however, concentrations were below the applicable surface water standards. Concentrations of SVOCs detected in upstream sample (SW-4) and downstream samples (SW-1 to SW-3) showed no discernable differences in concentrations or distribution along Ley Creek.
- One pesticide (gamma-BHC) was detected in the upstream (SW-4) and downstream (SW-1) surface water samples at low concentrations. However, since there is no established NYSDEC Class C surface water standard for this analyte, an evaluation of the impact to surface water could not be made.
- PCBs (Arochlor 1242) were detected in the upstream surface water sample (SW-4) at a concentration in excess of the NYSDEC Class C surface water standard. PCBs were not detected in the downstream surface water samples (SW-1 to SW-3); therefore, the source of PCBs in surface water is upstream of the Site.
- One metal (iron) was detected in all surface water samples at concentrations in excess of the NYSDEC Class C surface water standard. Other metals were detected in all of the surface water samples; however, concentrations were below the applicable surface water standards. Concentrations of metals detected in the upstream surface water sample (SW-4), generally were higher than those detected in the downstream surface water samples (SW-1 to SW-3).
- Cyanide was not detected in any surface water sample.

3.4.5 Leachate Analytical Results

Analytical results for leachate samples are presented on Table 3-8. A review of the analytical data for leachate samples collected at two locations (L-1 and L-2) onsite indicated the following.

- VOCs, SVOCs and metals were detected in both leachate samples. However, because there is no applicable surface water standard available for these samples, an evaluation of the impact could not be made. **Note:** Phenols were detected in both leachate samples. Phenols were detected in areas where industrial fill (foundry sand) was located; therefore, the presence of phenols in these waters suggests that phenols may be leaching from the site. However, no phenols were detected in the surface water samples from Ley Creek.
- Pesticides, PCBs and cyanide were not detected in any leachate sample.

3.4.6 Groundwater Analytical Results – Shallow Aquifer

Analytical results for groundwater samples collected from the shallow aquifer (W-1S, W-2S, W-3S, MW-1N, MW-2N, MW-3N, MW-4A, MW-6A, MW-8A, MW-9A, MW-10 and MW-11A) are presented on Table 3-9. A review of the analytical data indicated the following.

- A minimum of one VOC was detected in five of the twelve shallow groundwater samples (MW-1N, MW-2N, MW-4A, MW-6A and MW-11A) at concentrations in excess of NYSDEC Class GA groundwater standards. VOCs were detected in four of the remaining seven shallow groundwater samples (MW-3N, MW-8A, MW-9A and W-2S); however, concentrations of all detected VOCs were below applicable groundwater standards. Groundwater impacted with VOCs above applicable standards was present in wells located along the western side and in the northeast corner of the north landfill (Figure 3-2). Monitoring wells located in these areas are downgradient of the north landfill and along defined groundwater

T/ 9
Groundwater Sampling Analytical Results
VOCs, SVOCs, Pesticides, PCBs and Metals
Crouse-Hinds Landfills

PARAMETER	NYSDEC Class GA Groundwater Standard (ppb)	SAMPLE ID																					
		North Landfill																		South Landfill			
		MW-1N Shallow Well	MW-2N Shallow Well	MW-3N Shallow Well	MW-4A Shallow Well	MW-4B Deep Well	MW-5 Deep Well	MW-6A Shallow Well	MW-6B Deep Well	MW-7 Deep Well	MW-8A Shallow Well	MW-8B Deep Well	MW-9A Shallow Well	MW-9B Deep Well	MW-10 Shallow Well	MW-11A Shallow Well	MW-11B Deep Well	MW-12 (1)	MW-13 (1)	W-1S Shallow Well	W-2S Shallow Well	W-3S Shallow Well	
Volatile Organic Compounds (ppb)																							
Chloroethane	5	190 D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acetone	50	23 JD	ND	10 J	22	ND	ND	37 J	ND	ND	7 J	ND	8 J	ND	ND	110	ND	ND	ND	ND	ND	ND	
Carbon Disulfide	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1 J	ND	ND	ND	1 J	ND	ND	ND	ND	
Benzene	1	6 JD	6 J	ND	3 J	ND	ND	10 J	ND	ND	ND	ND	ND	ND	ND	6 J	ND	6 J	ND	ND	ND	ND	
Toluene	5	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	
Chlorobenzene	5	32 JD	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	42	ND	ND	ND	ND	
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	9 J	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	
1,4-Dichlorobenzene	3	3 J	8 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	
1,2-Dichlorobenzene	3	2 J	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8 J	ND	ND	ND	ND	
Semi-Volatile Organic Compounds (ppb)																		2 J	ND	ND	ND	ND	
Naphthalene	10	ND	5 J	ND	ND	ND	1 J	ND	2 J	ND	ND	ND	ND	3 J	ND	1 J	ND	4 J	ND	ND	ND	ND	
2-Methylnaphthalene	NS	2 J	2 J	ND	ND	ND	1 J	ND	1 J	ND	ND	ND	ND	1 J	ND	1 J	ND	ND	ND	ND	ND	ND	
Acenaphthene	20	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Diethylphthalate	50	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1 J	ND	ND	3 J	
Phenanthrene	50	ND	ND	ND	ND	ND	ND	73 J	ND	ND	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	
Di-n-butylphthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Fluoranthene	50	ND	ND	ND	ND	ND	ND	85 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Pyrene	50	ND	ND	ND	ND	ND	ND	97 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bis(2-Ethylhexyl)phthalate	5	ND	4 J	ND	ND	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	4 J	3 J	ND	ND	3 J	
Total Phenols	1	1,360	10	ND	15	ND	39	27	ND	ND	12	ND	16	ND	13	36	ND	10	ND	ND	20	15	
Pesticides (ppb)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PCBs (ppb)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Metals (ppb)																							
Mercury	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Arsenic	25	ND	ND	25.0	7.4 B	18.3 B	2.0 B	7.2 B	5.7 B	4.9 B	2.7 B	17.1 B	5.6 B	9.7 B	3.2 B	2.3 B	8.0 B	28.1 B	ND	ND	ND	17.6 B	
Barium	1,000	148 B	254.0	1,010	133 B	27.3 B	46.8 B	60.6 B	27.7 B	29.5 B	173.0 B	24.4 B	1,170	24.0 B	232.0	127.0 B	24.7 B	244.0	73.8 B	126.0 B	2,350.0	65.4 B	
Beryllium	3	0.79 B	0.31 B	1.3 B	2.4 B	3.0 B	ND	ND	0.74 B	1.3 B	ND	5.8 B	1.7 B	2.1 B	ND	ND	1.0 B	ND	5.2 B	0.36 B	1.3 B	4.6 B	
Cadmium	5	ND	ND	6.4	1.6 B	1.1 B	ND	0.55 B	ND	ND	ND	2.2 B	1.5 B	ND	ND	ND	ND	ND	ND	ND	ND		
Chromium	50	5.1 B	1.8 B	9.4 B	5.5 B	4.9 B	2.1 B	85.6	2.5 B	5.4 B	2.3 B	6.5 B	3.8 B	3.3 B	9.4 B	4.6 B	4.2 B	1.2 B	10.0 B	2.8 B	4.2 B	8.9 B	
Cobalt	NS	4.5 B	7.4 B	6.5 B	6.2 B	9.4 B	2.7 B	ND	4.9 B	10.0 B	3.3 B	11.9 B	10.4 B	8.2 B	5.2 B	4.4 B	8.0 B	5.8 B	21.9 B	3.8 B	8.1 B	20.0 B	
Copper	200	2.8 B	ND	91.4	8.4 B	14.9 B	1.7 B	11.2 B	3.7 B	15.2 B	1.8 B	20.8 B	10.4 B	13.5 B	9.1 B	2.5 B	9.1 B	6.2 B	31.8 B	3.4 B	12.0 B	53.6 B	
Iron	300	21,800 NJ	53,900 NJ	29,800 NJ	14,200 NJ	4,870 BJ	716 NJ	1,550 NJ	3,030 NJ	6,070 NJ	2,040 NJ	3,890 NJ	12,700 NJ	7,070 NJ	12,400 NJ	10,000 NJ	5,260 NJ	52,400 NJ	17,100 NJ	3,100 NJ	16,600 NJ	17,800 NJ	
Lead	25	8.6	9.7 NJ	351 NJ	7.3	5.8 B	ND	5.5	1.6 B	ND	ND	7.8 BNJ	2.3 B	ND	5.1	2.9 BNJ	ND	9.2 NJ	11.2 B	3.9 B	ND	ND	
Nickel	100	2.3 B	29.4 B	7.0 B	6.0 B	ND	ND	6.0 B	ND	ND	ND	6.6 B	5.4 B	ND	27.0 B	2.3 B	ND	28.5 B	ND	ND	ND	ND	
Selenium	10	10.6	14.3 NJ	22.3 NJ	18.5	ND	ND	9.6 B	9.1 B	ND	ND	20.8 NJ	ND	ND	ND	ND	ND	14.3 NJ	49.0 B	10.3	ND	ND	
Silver	50	ND	2.6 BJ	3.1 BNJ	ND	12.8 BNJ	ND	ND	5.0 BNJ	8.0 BNJ	ND	9.3 BNJ	7.2 BNJ	10.3 BNJ	ND	ND	10.2 BJ	ND	28.1 BNJ	2.7 BNJ	7.9 BNJ	22.4 BNJ	
Vandium	NS	ND	ND	9.7 B	4.2 B	ND	ND	3.2 B	ND	ND	ND	5.5 B	ND	ND	4.4 B	ND	ND	ND	ND	ND	ND	ND	
Zinc	2,000	19.9	13.3 B	2,650.0	13.9 B	29.7 B	8.3 B	43.9	10.8 B	39.8 B	8.2 B	39.3 B	107	32.8 B	5,160	13.0 B	42.6	14.5 B	111.0	16.4 B	37.4 B	132.0	
Total Cyanide	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

Notes:
 ND: Compound not detected. NS: No Standard. (1): MW-12 is a Duplicate of MW-2N and MW-13 is a Duplicate of W-1S.

1,200 Analyte detected at concentration in excess of NYSDEC Class GA Groundwater Standard.

Organic Data Qualifiers:

J: Estimated Value.
 B: Analyte detected in blank as well as in the sample.
 D: Analyte detected in analysis at secondary dilution factor.

Inorganic Data Qualifiers:

J or B: Value greater than or equal to the instrument detection limit, but less than the quantitation limit.
 N: Spike sample recovery not within quality control limits.

flow paths. Shallow groundwater across the south landfill was not impacted by VOCs.

- SVOCs (primarily phenol) were detected in all of the shallow well groundwater samples, with the exception of W-1S and MW-3N, at concentrations in excess of NYSDEC Class GA groundwater standards. Phenols were not detected in samples W-1S and MW-3N. Phenol was detected in all samples where groundwater standards were exceeded at concentrations slightly (10 times standard) to significantly (1,360 times standard) above NYSDEC Class GA groundwater standards. In addition to phenol, three additional SVOCs were detected in sample MW-6A at concentrations above groundwater standards. The presence of the additional SVOCs in sample MW-6A may be related to the presence of floating free phase petroleum residuals, which were detected in the well during sampling and the well inspection survey. SVOCs were not detected in samples W-1S and MW-3N.
- Pesticides, PCBs and cyanide were not detected in any shallow groundwater samples.
- A minimum of one metals was detected in all of the shallow groundwater samples at concentrations in excess of NYSDEC Class GA groundwater standards. Metals detected in shallow groundwater beneath the Site showed no discernable differences in concentrations or distribution.

3.4.7 Groundwater Analytical Results – Deep Aquifer

Analytical results for groundwater samples collected from the deep aquifer (MW-4B, MW-5, MW-6B, MW-7, MW-8B, MW-9B, and MW-1BA) are presented on Table 3-9. A review of the analytical data indicated the following.

- VOCs were not detected in any deep groundwater samples at concentrations in excess of NYSDEC Class GA groundwater standards. Overall, only one VOC (carbon disulfide) was detected in one groundwater sample (MW-9B) at a minimal estimated concentration of 1 ppb.

- One SVOC (phenol) was detected in one deep groundwater sample (MW-5) at a concentration in excess of the NYSDEC Class GA groundwater standard. SVOCs were detected in two other samples (MW-6B and MW-9B); however, concentrations were below groundwater standards.
- Pesticides, PCBs and cyanide were not detected in any deep groundwater samples.
- Metals (primarily iron) were detected in all of the deep groundwater samples at concentrations in excess of NYSDEC Class GA groundwater standards. Metals detected in deep groundwater beneath the Site showed no discernable differences in concentrations or distribution.

3.5 *FWIA RESULTS*

The FWIA is presented in Attachment 4. A summary of findings presented in the FWIA indicated the following.

- The aquatic habitats located on the Site consist of emergent wetlands, one of which contains open water, and several drainage ditches. Ley Creek is located offsite and adjacent to or near the west side of the Site.
- The fishery resources are limited to Ley Creek, the open water within one wetland, and drainage ditches that convey water from the wetlands to Ley Creek. However, no fish species were observed in any of the aquatic habitats located on the Site. In addition, NYSDEC records indicate that Ley Creek, located adjacent to or near the Site, is a poor fishery due to existing impacts and degradation.
- The fishery resources of the Site are limited and have no value to humans. The other known fishery resource is Ley Creek, which is located adjacent to or near the west side of the Site. This resource is impacted and does not appear to support a viable population of fish that would be of interest to fisherman. Even if the creek supported a reproducing population of game fish, public access to the creek is limited. Therefore, Ley Creek has somewhat limited value to humans.

- The Site and surrounding area provides a small mosaic of wildlife habitats, which include old fields, shrub uplands, deciduous forests, and wetlands.
- The majority of wildlife species that occur in the area are those that find suitable habitat in relatively small, patchy blocks of one vegetation cover type (e.g., deer, rabbit, wild turkeys, etc). Given the surrounding land use is highly developed, the Site acts as a green area in an area relatively devoid of wildlife species. The Site is used by resident wildlife species and by birds during migrational periods.
- The primary value of wildlife to humans would be as a resource to bird watchers in other areas besides New York State.

4.0 SUMMARY AND CONCLUSIONS

This section summarizes the results of the PSA and presents conclusions supported by the data and recommendations for additional work, which may be required to fill data gaps.

4.1 SOIL INVESTIGATION

The results obtained for soil investigation activities conducted during the PSA indicated the following.

- Industrial fill material consisting primarily of foundry sand with miscellaneous amounts of foundry core butts, foundry molds, metal debris, wood debris, and miscellaneous industrial debris was encountered from grade to depths of greater than 15 feet below grade in test pits located across the north landfill. This material generally exhibited an oily nature (degraded oily odor and oily appearance). Cover material on top of the fill material consisted of a thin organic layer that supported a vegetative cover. The thickness of industrial fill observed across the southern half of the north landfill (TP-1, TP-2, TP-3 and TP-8) ranged between 3 feet (TP-8) and 11.5 feet (TP-1). Materials underlying the industrial fill generally consisted of peat deposits (TP-1, TP-2 and TP-3) and clay (TP-8). The thickness of fill material observed beneath the northern half of the north landfill (TP-4, TP-5, TP-6, TP-7, TP-9, TP-10, and TP-11) varied between 9 feet and greater than 15 feet. Materials underlying the industrial fill material located across this portion of the landfill consisted of peat deposits (TP-4 and TP-11) along with sand and gravel deposits (TP-5, TP-6, and TP-7).
- Material consisting of industrial fill (TP-12 and TP-16) and municipal fill (TP-13, TP-14, TP-15, TP-17, TP-18, and TP-19), which consisted of paper, glass bottles, plastic, wood, metal cans, metal debris, and general municipal refuse was encountered from grade to depths of greater than 15 feet below grade in test pits located across the south landfill. The industrial fill material generally exhibited an oily nature (degraded oily odor and oily appearance). Cover material on top of the fill material consisted of a thin organic layer that supported a vegetative cover.

The thickness of the industrial and municipal fill material observed across the south landfill varied between 7 feet and greater than 15 feet. The thickness of fill materials observed in the central area of the landfill (TP-13, TP-16, and TP-17) was generally several feet greater (11.5 feet to 15+ feet) than that observed in test pits located along the perimeter (TP-12, TP-14, TP-15, TP-18 and TP-19) of the landfill (8 feet to 11 feet). Delineation of areas of industrial fill versus areas of municipal fill was not possible given the expanse of the fill mass. Mixing of materials was not observed. Materials underlying the fill material beneath the landfill generally consisted of peat deposits, with the exception of silt and clay deposits, which were encountered in the area of TP-19.

- The horizontal limits of the fill material located across the Site were not defined during the PSA. Field observations along with soil boring data indicate that fill materials located across the Site extend beyond the areas where test pits and soil borings were located. Observations indicate that the western extent of waste mass on the south landfill is likely defined by the presence of Ley Creek along or near the western border of the landfill. The presence of wetlands and areas of low-lying ponded water at the base of defined fill slopes along the majority of east and south sides of south landfill suggests that the waste mass may not extend a significant distance beyond the base of observed fill slopes. The north and south landfills are bisected by Seventh North Street, which is assumed to approximate the extent of fill on both landfills. The presence of wetlands and generally defined fill slopes along the northern and eastern borders of the north landfill suggest that the waste mass may not extend a significant distance beyond the base of the observed fill slopes. The extent of the waste mass along the west side of the north landfill is unknown.
- The vertical limits of fill materials located across the majority of the Site were defined during the PSA. Field observations indicated that the thickness of the industrial fill across the north landfill was greater across the northern half of the landfill, where mounding of fill was evident, versus the southern half of the landfill, where topography was flat. Thickness of fill material across the south landfill was determined to be greater in the interior of the landfill where mounding was evident with respect to the surrounding topography.

- Soil borings and test pits installed across the Site confirmed the presence of several distinct geologic units and two aquifers (shallow and deep) beneath the Site, which had also been identified by others during previous hydrogeologic investigations at the Site. The units observed consisted of a layer of fill (industrial and/or municipal) overlying peat deposits that were mixed with miscellaneous amounts of sand. The shallow water table aquifer occurred in this unit. Materials underlying the shallow aquifer consisted of a confining layer composed of a mixture of dense silt and clay, which was underlain by a water-bearing sand and gravel unit. The sand and gravel unit comprises the deep aquifer, and is under artesian conditions.
- Four VOCs were detected in one test pit sample (TP-4) at concentrations in excess of NYSDEC TAGM 4046 recommended soil cleanup objectives. VOCs were detected in all of the remaining test pit and surface soil samples; however, concentrations were minimal and showed no discernible pattern of distribution across the Site.
- A minimum of one SVOC was detected in all test pit samples, with the exception of TP-18, at concentrations in excess of TAGM 4046 recommended soil cleanup objectives. SVOCs were detected in TP-18, but at concentrations below soil cleanup objectives. Phenolic compounds were detected in all samples from test pits (TP-3 to TP-12 and TP-16) and in four of five surface soil samples collected on the north landfill (SS-6 to SS-8 and SS-10) where industrial fill containing foundry sand was present. Samples from areas where municipal fill (TP-13 to TP-15, TP-17 to TP-19 and SS-1 to SS-5) was present did not contain phenolic compounds. In addition, samples collected from test pits where industrial fill was present (TP-1 to TP-12 and TP-16) generally contained higher concentrations of SVOCs with respect to samples from test pits where municipal fill was present (TP-13 to TP-15 and TP-17 to TP-19). Based on the analytical data, the distribution of phenolic compounds in fill across the Site and the distribution of higher concentrations of SVOCs in the test pit samples across the Site appears to be related to the presence of industrial fill containing foundry sand, which appeared to contain degraded oils.

- Pesticides detected in test pit and surface soil samples were at concentrations below TAGM 4046 recommended soil cleanup objectives. Concentrations of pesticides detected were minimal and showed no discernible pattern of distribution across the Site.
- PCBs were detected in one surface soil sample (SS-1) near Ley Creek at a concentration in excess of TAGM 4046 recommended soil cleanup objectives. PCBs were detected in 6 additional surface soil samples and 16 test pit samples; however, concentrations were below soil cleanup objectives. No discernable pattern of distribution across the Site was observed. (**Note:** Detailed discussions with plant personnel, along with detailed file reviews, indicate that there is no known history of PCB use at the Crouse-Hinds facility. The source of detected PCBs is unknown. Crouse-Hinds personnel have stated that past flooding of Ley Creek onto the Site may be a possible source of PCBs to the Site.)
- A minimum of three metals were detected in all test pit and surface soil samples at concentrations in excess of TAGM 4046 recommended soil cleanup objectives. No discernable pattern of distribution across the Site was observed.
- Waste characterization analytical data for 10 soil samples collected from test pits indicated that concentrations of contaminants detected (metals) were below the maximum concentrations for the toxicity characteristic and the soil samples did not exhibit hazardous characteristics. Therefore, subsurface soils and materials across the Site were determined to be non-hazardous by nature.
- Overall, the analytical data supports the known non-hazardous waste disposal history at the Site. In areas where foundry sand and industrial fill are present, there is an occurrence of analytes (phenols, SVOCs, and metals), which are typically associated with foundry operations. Mold release oils containing phenolic compounds, SVOCs in the mold release oils, and metals from shavings, filings, and core butts can all be attributed to the known industrial wastes disposed of at the Site. In areas of the Site where municipal fill was disposed, SVOCs and metals, which are typically associated with these types of wastes, were detected.

4.2 *HYDROGEOLOGIC INVESTIGATION*

The results obtained for hydrogeologic investigation activities conducted during the PSA indicated the following.

- A shallow water table aquifer system located in the peat and fill deposits and a deep confined groundwater flow system located in sand and gravel deposits are located beneath the Site. The deep aquifer system is separated from the overlying shallow aquifer by a continuous confining layer of silt and clay deposits of varying thickness. The deep aquifer is under artesian conditions.
- Groundwater flow in the shallow aquifer across the Site is generally to the west towards Ley Creek; however, in the northeast corner of the Site (area of wells MW-4A and MW-11A) groundwater flow direction appears to be towards the east and the wetlands that are located immediately adjacent to wells in that area of the Site. Groundwater contour and flow lines across the area of the north landfill appear to be deflected near the center of the landfill. This deflection is likely due to topography changes in the area, which are related to the presence of a fill mound to the north and a drop in thickness of the mound towards the south. The slope of the fill mound transitions to flatter areas of the Site in the central area of the north landfill, where the contour and flow deflections across the groundwater surface are most notable.
- Groundwater in the deep aquifer is under artesian conditions and exhibits an upward vertical gradient. Groundwater flow in the deep aquifer across the north landfill section of the Site is radial from the area of MW-6B to the southeast to northwest.
- VOCs were detected in five shallow groundwater samples (MW-1N, MW-2N, MW-4A, MW-6A and MW-11A) at concentrations in excess of NYSDEC Class GA groundwater standards. These samples were collected from monitoring wells located along the western side and in the northeast corner of the north landfill, which are downgradient of the north landfill and along defined groundwater flow paths. Groundwater samples from the deep aquifer were not impacted by VOCs.

- Phenols were detected in all of the shallow aquifer groundwater samples, with the exception of W-1S and MW-3N, and one deep aquifer groundwater sample (MW-5) at concentrations in excess of NYSDEC Class GA groundwater standards. Phenols were not detected in samples W-1S and MW-3N. Three additional SVOCs were also detected in shallow aquifer sample MW-6A at concentrations above groundwater standards. The presence of the additional SVOCs in sample MW-6A appears to be related to the presence of floating free phase petroleum residuals, which were detected in the well. Free product was not detected in any other well. The presence of phenols and SVOCs in groundwater samples from the shallow aquifer beneath the Site is consistent with the presence of these analytes in test pit soils where industrial fill was present and suggests that these compounds are leaching from the fill material to shallow groundwater. The presence of phenols in groundwater sample MW-5 from the deep aquifer suggests that the well seal is compromised, which would allow contaminants to migrate to the lower aquifer along the well casing. Leaching of phenols through an approximately 30 foot thick confining layer under artesian conditions is unlikely.
- Pesticides, PCBs and cyanide were not detected in any shallow aquifer or deep aquifer groundwater samples.
- A minimum of one metal was detected in all of the shallow and deep aquifer groundwater samples at concentrations in excess of NYSDEC Class GA groundwater standards. Metals detected in shallow and deep groundwater beneath the Site showed no discernable differences in concentrations or distribution.
- Overall, the analytical data indicate that shallow groundwater in downgradient areas of the Site is impacted by VOCs, SVOCs and metals at concentrations above applicable groundwater standards. The occurrence of these analytes in shallow groundwater suggests that the detected analytes are leaching from the fill materials contained in the landfills, where they were also detected in soil samples, to the shallow groundwater system. Leaching of these analytes to the shallow groundwater system may be enhanced since saturated fill material comprises a portion of the shallow groundwater system and also because the fill material directly overlies the saturated zone. Groundwater in the deep aquifer does not

appear to be impacted, with the possible exception of the MW-5 area where phenols were detected in the groundwater sample above applicable groundwater standards. However, it is likely that phenols detected in sample MW-5 are due to other factors.

- To the best of our knowledge, there are no downgradient receptors for groundwater from the shallow and/or deep aquifers in the area surrounding the Site. Groundwater in the area is not used as a drinking water supply source in the area surrounding the Site. Potable water in the area is supplied by the Onondaga County Water Authority.

4.3 *SURFACE WATER INVESTIGATION*

The results obtained for surface water investigation activities conducted during the PSA indicated the following.

- During site reconnaissance activities, an attempt was made to locate an old storm sewer that was reportedly used in the past to discharge process water from the Crouse-Hinds facility on and/or near the Site. Reconnaissance performed across the Site was unable to confirm the presence of this feature either onsite or along the banks of Ley Creek. In addition, discharges of surface water from the Site to lands located proximal to the Site and/or to Ley Creek were not observed during reconnaissance or surface water sampling activities. Along the west side of the north landfill, Ley Creek is located approximately 120 feet west of the Site's western property boundary. Along the west side of the south landfill, Ley Creek is located immediately adjacent to the western property boundary.
- Two areas were observed on the Site where the potential for the discharge of leachate could occur and/or was occurring. The first area was located near a wet area located along the base of the eastern flank of the south landfill where ponded water had collected. The second area was located near a wet area near the center of the north landfill where water was ponding and then draining in a swale to the west.

- According to USGS records for the stream gauging station located downstream of the Site, the daily mean discharge of Ley Creek on 9 June 2004 when surface water samples were collected was 24 feet³/second. This flow rate was below the mean of daily mean flow rates (25.6 feet³/second), which were measured on 9 June over the past 31 years. Based on this information it can be concluded that flow conditions in Ley Creek at the time of surface water sampling were slightly below normal.
- One SVOC (Bis (2-Ethylhexyl) phthalate) and one metal (iron) were detected in all surface water samples collected in Ley Creek at concentrations slightly in excess of the NYSDEC Class C surface water standards. Concentrations of SVOCs detected in upstream sample (SW-4) and downstream samples (SW-1 to SW-3) showed no discernable differences in concentrations or distribution along Ley Creek. However, concentrations of metals detected in the upstream surface water sample (SW-4), generally were higher than those detected in the downstream surface water samples (SW-1 to SW-3). As there were no direct discharges of surface waters to Ley Creek observed, the source of impacts to surface waters in Ley Creek cannot be attributed to the Site.
- PCBs (Aroclor 1242) were detected in the upstream surface water sample (SW-4) at a concentration in excess of the NYSDEC Class C surface water standard. PCBs were not detected in the downstream surface water samples (SW-1 to SW-3); therefore, the source of PCBs in surface water is attributable to areas upstream of the Site.
- VOCs, SVOCs and metals were detected in both leachate samples; however, because there is no applicable surface water standard available for leachate, an evaluation of the impacts from leachate at the Site could not be made. VOCs, SVOCs and metals detected in the leachate samples were similar to those detected in soil samples collected onsite. The presence of these analytes in the leachate suggests that they are leaching from fill material. Leachate was not observed to directly discharge to Ley Creek.
- Phenols were detected in both leachate samples, which were collected in areas where industrial fill was present. The presence of phenols in the leachate suggests

that phenols may be leaching from fill material located across the Site. However, phenols were not detected in surface water samples collected from Ley Creek.

4.4 *SEDIMENT INVESTIGATION*

The results obtained for sediment investigation activities conducted during the PSA indicated the following.

- PCB Aroclors 1242, 1254 and 1260 were detected in all sediment samples. Concentrations of Aroclor 1242 exceeded the human health and wildlife bioaccumulation screening values for all samples with the exception of SED-6. Concentrations of Aroclor 1254 exceeded the human health bioaccumulation screening values for all samples, and the wildlife accumulation criteria for one sample (SED-3). Concentrations of Aroclor 1260 exceeded the human health bioaccumulation screening values for all samples. Concentrations of total PCBs exceeded the human health and wildlife bioaccumulation screening values for all samples. Concentrations of PCBs detected in sediment samples at upstream and downstream locations were similar in concentration and showed no discernable differences in concentration between any of the sampling locations. PCB impacts in sediment in Ley Creek were documented in 1996 and 1997, during sampling conducted by others. Available data obtained from NYSDEC for Ley Creek and upstream tributaries establishes the presence of PCBs impacts in sediment upstream, adjacent to, and downstream of the Site (Attachment 5). Available data indicated that concentrations of PCBs in sediment upstream of the Site are higher than those detected adjacent to, and downstream of the Site. PSA sampling data indicated that PCBs were detected in soils onsite; however, concentrations were significantly lower than those detected in sediment samples in Ley Creek during the PSA. The lack of established surface water discharge pathways from the Site to Ley Creek, along with the lack of observable erosion channels across the landfills that could transport fill offsite via surface water sheet flow, and the presence of documented impacts of PCBs in Ley Creek upstream of the Site strongly suggests that the PCBs detected in sediment samples collected in Ley

Creek during the PSA are not attributable to the Site. The likely source of PCBs in the sediment samples is downstream transport of sediments in Ley Creek from documented upgradient sources of PCB contamination. In addition, the presence of PCBs in onsite soils may be attributable to the historic flooding of Ley Creek.

- Metals were detected in all sediment samples at concentrations, which exceeded sediment-screening values for lowest and severe effect levels. Concentrations of metals detected in sediment samples at upstream and downstream locations were similar in concentration and showed no discernable differences in concentration between any of the sampling locations. The lack of established surface water discharge pathways from the Site to Ley Creek, along with the lack of observable erosion channels across the landfills that could transport fill offsite via surface water sheet flow suggests that the metals detected in sediment samples collected in Ley Creek during the PSA are not attributable to the Site.

4.5 *FWIA*

The results obtained for FWIA activities conducted during the PSA indicated the following.

- The fishery resources of the Site are limited and have no value to humans. The other known fishery resource is Ley Creek, which is located adjacent to or near the west side of the Site. This resource is impacted and does not appear to support a viable population of fish that would be of interest to fisherman. Even if the creek supported a reproducing population of game fish, public access to the creek is limited. Therefore, Ley Creek has somewhat limited value to humans.
- The majority of wildlife species that occur in the area are those that find suitable habitat in relatively small, patchy blocks of one vegetation cover type (e.g., deer, rabbit, wild turkey). Given the surrounding land use is highly developed, the Site acts as a green area in an area relatively devoid of wildlife species. The Site is used by resident wildlife species and by birds during migrational periods. The primary value of wildlife to humans would be as a resource to bird watchers in other areas besides New York State.

4.6 RECOMMENDATIONS

Based on findings of the PSA there are several additional investigation and sampling activities recommended to address data gaps.

- The horizontal extent of the waste mass was not fully determined during the PSA. Therefore, additional delineation of the horizontal extent of the waste mass at the Site should be conducted so that the horizontal limits of fill material can be established and mapped. As necessary, delineation should be conducted until the boundaries of the waste mass are defined, even if offsite delineation is required (if offsite access can be obtained).
- A topographic survey of the Site should be conducted so that waste mass can be calculated for each landfill, so surface water flow paths can be confirmed, and so that topographic conditions can be established. Along with the topographic survey, delineation of the fill boundaries, wetland features and drainage features should be established by survey.
- Installation and sampling of a shallow and a deep monitoring well pair are recommended along the north boundary of the north landfill to supplement groundwater flow data in an area where there is limited hydrogeologic coverage. Laboratory analyses should be determined based on results of the previous PSA sampling activities, resulting in a "short list" of target analytes.
- Installation and sampling of a shallow monitoring well is recommended in the center of the north landfill to establish groundwater conditions in this area of the Site where groundwater flow data is not available. Laboratory analyses should be determined based on results of the previous PSA sampling activities, resulting in a "short list" of target analytes.
- Previous site investigation reports indicated that groundwater flow directions vary seasonally. Collection of water level elevations from existing monitoring wells should be conducted quarterly for a period of 12 months to establish groundwater flow conditions at the Site throughout the year.

- Additional surface water samples should be collected from areas of open water and drainage ditches located on the east side of the north and south landfills to assess potential impacts to these waters.
- Sediment samples should be collected from wetland areas and drainage ditches located on the east side of the north and south landfills to assess potential impacts to sediments in these areas.
- Deep monitoring well MW-5 should be re-sampled for phenols to determine if phenols are persistent in the deep aquifer in the area of MW-5. In the event that phenols are detected in the additional sample, monitoring well MW-5 should be properly abandoned due to concerns regarding the integrity of well seals.
- The Site should not be considered for listing as a hazardous waste site, as all PSA data indicate that all onsite materials are non-hazardous.
- Other than the aforementioned additional fieldwork, no additional sampling is warranted at this time and an RI/FS is not considered to be necessary.
- Given the recently collected data, the Site does not appear to be a source of hazardous waste and/or hazardous substance contamination to Ley Creek and/or Onondaga Lake.

ATTACHMENT 1

DATA USABILITY SUMMARY REPORT



Data Validation

Environmental Chemistry

Lab and Field Audits

Sampling Plans

July 26, 2004

Mr. Mark Schumacher
InteGreyted International, LLC
104 Jamesville Road
Syracuse, New York 13204

Re: Data Validation Report
Cooper Project
June 2004 Sampling Event

Dear Mr. Schumacher:

The data validation summaries are attached to this letter for the Cooper Project, June 2004 sampling event. The data for STL Newburgh, STL Lab Nos. 237118 and 237194, and STL Burlington, SDG: 100771, were mostly acceptable with some issues that are identified and discussed in the validation summaries. Both STL Newburgh data packs contained data that were qualified unusable (R). The individual QA/QC reviews contain the explanation for rejecting the data, based solely on the validation guidance criteria. The rejected data may be determined to be acceptable to the user based on additional information that is not contained in the data validation criteria.

A list of common data validation acronyms is attached to this letter to assist you interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist InteGreyted International, LLC.

Sincerely,
Alpha Environmental Consultants, Inc.

Donald Anné
Senior Chemist

DCA:dca
attachments

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Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

- U = Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
- R = Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
- N = Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
- J = Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
- UJ = Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.



Data Validation

Environmental Chemistry

Lab and Field Audits

Sampling Plans

**Data Usability Summary Report for
STL Newburgh, STL Lab No. 237118**

**Soil Samples
Collected June 7 and 8, 2004**

**Prepared by: Donald Anné
July 26, 2004**

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data packs contained the results of volatile, semi-volatile, pesticide, PCB, metal, and cyanide analyses.

The overall performances of the analyses are acceptable. STL Newburgh did fulfill the requirements of the analytical methods.

The data generally are acceptable with some issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The volatile results reported as "not detected" for 2-chloroethylvinylether were flagged "unusable" (R) because the response factors were below 0.050.
- There were volatile results for some compounds in samples TP-5, TP-4, and TP-9 that were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. Results for these compounds marked "E" in the undiluted sample were qualified as estimates (J).
- The volatile results for sample TP-8RE were flagged as estimates (J) because the analysis occurred outside the EPA SW-846 holding time.
- The volatile results for the following samples were flagged as "estimated" (J) because the results were quantitated using internal standard(s) with areas outside control limits:

TP-15	TP-15RE	TP-6	TP-6RE
TP-7	TP-7RE	TP-8	TP-8RE
- The semi-volatile results reported as "not detected" for hexachlorocyclopentadiene were flagged "unusable" (R) because the continuing calibration response factors were below 0.050.

- There were semi-volatile results for some compounds in samples TP-4, TP-12, TP-1, TP-6, TP-9, and TP-11 that were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. Results for these compounds marked "E" in the undiluted sample were qualified as estimates (J).
- The semi-volatile results for samples TP-15RR and TP-10RR were flagged as estimates (J) because the extractions occurred outside the EPA SW-846 holding time.
- The semi-volatile results for all samples except the following were flagged as "estimated" (J) because the results were quantitated using internal standard(s) with areas outside control limits:

TP-15	TP-18	TP-10	TP-7
TP-16	TP-2	TP-4DL	TP-9DL
TP-11DL			
- The semi-volatile results reported as "not detected" for samples TP-15 and TP-10 were flagged as "unusable" (R) because one or more acid extractable and base/neutral surrogate recoveries were below control limits and were below 10%.
- Positive pesticide results for the following samples were flagged as "estimated" (J) because one or more surrogate recoveries were above advisory limits:

TP-5	TP-19	TP-17	TP-18	TP-14
TP-1	TP-11	TP-2		
- Pesticide results for samples TP-12 and TP-6 were flagged as "estimated" (J) because one or more surrogate recoveries were below advisory limits, but was greater than 10%.
- The pesticide results reported with a laboratory 'P' for the following samples were flagged as "estimated" (R) because the %Ds for dual column quantitation were greater than 25%:

TP-5	TP-19	TP-12	TP-17	TP-18	TP-13
TP-15	TP-2	TP-1	TP-9	TP-10A	TP-3
- The results for PCB arochlor-1242 in samples were flagged as "estimated" (J) because the percent recovery for arochlor-1242 was below the QC limits for the blank spike sample
- The PCB arochlor results reported with a laboratory 'P' for samples TP-13, TP-1, TP-8, TP-7, and TP-3 were flagged as "estimated" (J) because the %Ds for dual column quantitation were greater than 25%.

- There were PCB results for some arochlors in the following samples that were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. Results for these compounds marked "E" in the undiluted sample were qualified as estimates (J):

TP-5	TP-4	TP-19	TP-12	TP-17
TP-18	TP-13	TP-14	TP-15	TP-1
TP-8	TP-10A	TP-3		

- Positive PCB arochlor results for the following samples were flagged as "estimated" (J) because one or more surrogate recoveries were above advisory limits:

TP-5	TP-19	TP-12	TP-17	TP-14	TP-2
TP-1	TP-5DL	TP-3	TP-12DL	TP-17DL	TP-1DL
TP-8DL	TP-3DL	TP-4	TP-18	TP-8	TP-4DL
TP-19DL	TP-18DL	TP-14DL			

- Positive arochlor-1260 results were flagged as "estimated" (J) because the %Ds for arochlor-1260 were above the allowable maximum (15%) in associated continuing calibrations.
- The PCB arochlor results for sample TP-15 were flagged as estimates (J). This was due to surrogate recoveries that were below advisory limits but were greater than 10%.
- Positive results for lead and all results for silver were flagged as "estimated" (J) because spike recoveries were outside control limits.
- Positive results for zinc were flagged as "unusable" (R) because a spike recovery was significantly greater than control limits (>200%).
- Lead results were flagged as "estimated" (J) because the %D was above the allowable maximum (10%) for the serial dilution sample.
- Metal and cyanide results for sample TP-18 were flagged as "estimated" (J) because the percent solids was below the allowable minimum (50%).
- Results for cyanide were flagged as "estimated" (J) because a spike recovery was outside control limits.

All data that are not flagged rejected (R) are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.



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QA/QC Review of Volatiles Data
for STL Newburgh, STL Lab No. 237118

Soil Samples
Collected June 7 and 8, 2004

Prepared by: Donald Anné
July 26, 2004

Holding Times: Sample TP-8RE was re-analyzed outside SW-846 holding times. Results for TP-8RE should be considered estimates (J).

GC/MS Tuning and Mass Calibration: All BFB tuning criteria were within control limits.

Initial Calibration: The RRFs for trichloroethene were below the ASP required minimums, but were greater than 0.010 on 06-18-04 (XS). The RRFs for 1,1,2,2- tetrachloroethane were below the ASP required minimums, but were greater than 0.010 on 06-20-04 (WS). No action is taken when two or fewer compounds per calibration do not meet ASP criteria.

The %RSD for 2-chloroethylvinylether (32.89%) was above the allowable maximum (30%) on 06-18-04 (XS). The average RRF for 2-chloroethylvinylether (0.046) was below the allowable minimum (0.050) on 06-18-04 (XS). Positive results for 2-chloroethylvinylether should be considered estimates (J) and negative results unusable (R).

Continuing Calibration: The CCRF for trichloroethene was below the ASP required minimum but was greater than 0.010 on 06-18-04 (XS852.D). The CCRF for trichloroethene was below the ASP required minimums but was greater than 0.010 on 06-19-04 (XS856.D). The CCRF for trichloroethene was below the ASP required minimums but was greater than 0.010 on 06-20-04 (XS857.D). The CCRF for trichloroethene was below the ASP required minimums but was greater than 0.010 on 06-21-04 (XS858.D). The CCRF for trichloroethene was below the ASP required minimums but was greater than 0.010 on 06-22-04 (XS860.D). The CCRF for 1,1,2,2- tetrachloroethane was below the ASP required minimums, but was greater than 0.010 on 06-22-04 (WS539.D). No action is taken when two or fewer compounds per calibration do not meet ASP criteria.

The CCRF for 2-chloroethylvinylether (0.040) was below the allowable minimum (0.050) on 06-18-04 (XS852.D). The CCRF for 2-chloroethylvinylether (0.049) was below the allowable minimum (0.050) on 06-19-04 (XS856.D). The CCRF for 2-chloroethylvinylether (0.032) was below the allowable minimum (0.050) on 06-10-04 (XS842.D).

The CCRF for 2-chloroethylvinylether (0.021) was below the allowable minimum (0.050) on 06-13-04 (XS843.D). Positive results for 2-chloroethylvinylether should be considered estimates (J) and negative results unusable (R).

The %D for 2-chloroethylvinylether (28.0%) was above the allowable maximum (25%) on 06-20-04 (XS857.D). The %D for 2-chloroethylvinylether (71.6%) was above the allowable maximum (25%) on 06-21-04 (XS858.D). The %Ds for 2-chloroethylvinylether (83.9%), 4-methyl-2-pentanone (34.5%) and 2-hexanone (30.9%) were above the allowable maximum (25%) on 06-22-04 (XS860.D). Positive results for these compounds should be considered estimates (J) in associated samples.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: All internal standard retention times were within control limits. One of three internal stand areas (IS3) for samples TP-15, TP-6, TP-15RE, TP-6RE, and TP-7RE was outside control limits. Two of three internal stand areas (IS2, IS3) for sample TP-8 and TP-8RE were outside control limits. Three of three internal stand areas (IS1, IS2, IS3) for sample TP-7 were outside control limits. Results for these samples that are quantitated using internal standards with areas outside control limits should be considered estimates (J).

Surrogate Recovery: The surrogate recoveries were within control limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximum, but 3 of 10 %Rs (percent recoveries) were above control limits for MS/MSD sample TP-5. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Blank Spike Recovery: The percent recoveries were within QC limits for sample VBSPK20.

Compound ID: Checked compounds were within GC/MS quantitation and qualification limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in SW846.

There were volatile results for samples TP-5, TP-4, and TP-9 that were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were diluted by the laboratory and re-analyzed; therefore, the results for compounds that are flagged as 'E' in the undiluted sample should be considered estimates (J) and the use of the diluted results for those compounds is recommended. It is recommended that the undiluted results be used for all other compounds.



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QA/QC Review of Semi-Volatiles Data
for STL Newburgh, STL Lab No. 237118

Soil Samples
Collected June 7 and 8, 2004

Prepared by: Donald Anné
July 26, 2004

Holding Times: Samples TP-15RR and TP-10RR were re-extracted outside SW-846 holding times. Results for these samples should be considered estimates (J).

GC/MS Tuning and Mass Calibration: All DFTPP tuning criteria were within control limits.

Initial Calibration: The RRFs for acenaphthylene, acenaphthene, fluorene were below the ASP required minimum but were greater than 0.010, and the %RSD for pentachlorophenol was above the allowable maximum, but was less than 100%. No action is taken when four or fewer compounds per calibration do not meet ASP criteria.

The average RRFs for target compounds were above the allowable minimum (0.050), as required. The %RSDs for hexachlorocyclopentadiene (57.37%) and 2,4-dinitrophenol (30.14%) were above the allowable maximum (30%). Positive results for these two compounds should be considered estimates (J).

Continuing Calibration: The CCRFs were above the ASP required minimums and %Ds were below the ASP required maximums.

The CCRF for hexachlorocyclopentadiene (0.038) was below the allowable minimum (0.050) on 06-23-04 (CCV2415.D). The CCRF for hexachlorocyclopentadiene (0.040) was below the allowable minimum (0.050) on 06-24-04 (CCV2416.D). The CCRF for hexachlorocyclopentadiene (0.031) was below the allowable minimum (0.050) on 06-28-04 (CCV2418.D). Positive results for hexachlorocyclopentadiene should be considered estimates (J) and negative results unusable (R).

The %D for hexachlorocyclopentadiene (38.2%) was above the allowable maximum (25%) 06-22-04 (CCV2414.D). The %Ds for hexachlorocyclopentadiene (56.5%), 3-nitroaniline (25.3%), 4-nitrophenol (40.4%), and 3,3'-dichlorobenzidine (27.5%) were above the allowable maximum (25%) 06-23-04 (CCV2415.D).

The %Ds for hexachlorocyclopentadiene (54.0%), 4-nitroaniline (30.2%), and di-n-octylphthalate (29.2%) were above the allowable maximum (25%) 06-24-04 (CCV2416.D). The %Ds for hexachlorocyclopentadiene (64.5%), 4-nitrophenol (32.8%), di-n-octylphthalate (34.8%), and 3,3'-dichlorobenzidine (37.9%) were above the allowable maximum (25%) 06-28-04 (CCV2418.D). Positive results for the above compounds should be considered estimates (J) in associated samples.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard retention times were within control limits. One of 6 internal standard areas (IS6) for the following samples was outside control limits:

TP-13	TP-10A	TP-9	TP-8	TP-19
TP-12DL	TP-17	TP-10ARE	TP-8RE	TP-19RE

Two of 6 internal standard areas (IS5, IS6) for the following samples were outside control limits:

TP-5	TP-11	TP-12	TP-14	TP-3
TP-4	TP-5RE	TP-14RE	TP-6DL	TP-17RE
TP-3RE,	TP-10RR	TP-15RR		

Three of 6 internal standard areas (IS4, IS5, IS6) for samples TP-6 and TP-1DL were outside control limits. Four of 6 internal standard areas (IS3, IS4, IS5, IS6) for sample TP-1 were outside control limits. Results for these samples that are quantitated using internal standards with areas outside control limits should be considered estimates (J).

Surrogate Recovery: Four surrogates for sample TP-4DL were diluted beyond detection limits. No action is taken on surrogates that are diluted beyond detection limits.

Four of 4 base/neutral surrogate recoveries for sample TP-15 were below control limits and were less than 10%. Three of 4 base/neutral surrogate recoveries for samples TP-10 were below control limits and were less than 10%. Positive results for the base/neutral fraction of sample TP-15 and TP-10 should be considered estimates (J) and negative results unusable (R).

Two of 4 acid extractable surrogate recoveries for sample TP-15 were outside control limits and were less than 10%. One of 4 acid extractable surrogate recovery for sample TP-10 was below control limits and were less than 10%. Positive results for acid extractable compounds of samples TP-15 and TP-10 should be considered estimates (J) and negative results unusable (R).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums, but 5 of 22 %Rs (percent recoveries) were outside control limits for MS/MSD sample TP-5. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Blank Spike Recovery: The percent recoveries (%Rs) were within QC limits for sample SBSPK20. The %R for 4-nitrophenol was below QC limits for sample SBSPK09. The %Rs for 1,4-dichlorobenzene, n-nitroso-di-n-propylamine, and 1,2,4-trichlorobenzene were below QC limits for sample SBSPK08. Results for 1,4-dichlorobenzene, n-nitroso-di-n-propylamine, and 1,2,4-trichlorobenzene should be considered estimates (J) in associated samples.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in SW846.

There were semi-volatile results for samples TP-4, TP-12, TP-1, TP-6, TP-9, and TP-11 that were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were diluted by the laboratory and re-analyzed; therefore, the results for compounds that are flagged as 'E' in the undiluted sample should be considered estimates (J) and the use of the diluted results for those compounds is recommended. It is recommended that the undiluted results be used for all other compounds.



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**QA/QC Review of Pesticide Data for
STL Newburgh, STL Lab No. 237118**

**Soil Samples
Collected June 7 and 8, 2004**

Prepared by: Donald Anné
July 26, 2004

Holding Times: Samples were extracted and analyzed within SW-846 holding times.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Surrogate Recovery: One of two surrogate recoveries for samples TP-19, TP-5, TP-14, TP-2, TP-8, TP-17, and TP-18 was above advisory limits on one or both columns. Two of two surrogate recoveries for samples TP-1, TP-11, and TP-4 were above advisory limits on one or both columns. Positive results for these samples should be considered estimates (J).

One of two surrogate recoveries for samples TP-12 and TP-6 was below advisory limits, but was above 10% on one or both columns. Results for these samples should be considered estimates (J).

Matrix Spike/Matrix Spike Duplicate: Two of 6 relative percent differences were above the allowable maximum and 6 of 12 %Rs (percent recoveries) were outside QC limits for MS/MSD sample TP-5. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Blank Spike Recovery: The percent recoveries were within QC limits for sample PBSPK16.

Initial Calibration: The %RSDs for 4,4'-DDE (22.11%), signal #1, and delta-BHC (31.90%), signal #2 were above the allowable maximum (20%). Positive results for these two pesticides should be considered estimates (J).

Pesticide Calibration Verification Summary (PEM): The percent breakdowns were below the allowable maximums for 4,4'-DDT (20%), endrin (20%), and combined (30%), as required.

The %RPDs for beta-BHC (40%), endrin (38%), methoxychlor (32%), and 4,4'-DDT (40%) for signal #1, and endrin (36%), methoxychlor (27%), and 4,4'-DDT (32%) for signal #2 were above the allowable maximum (25%) on 06-22-04. Positive results for these pesticides should be considered estimates (J).

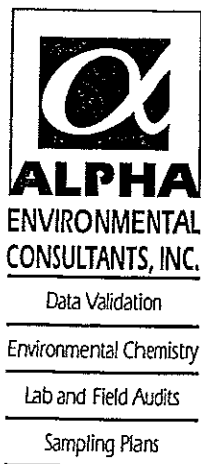
Pesticide Calibration Verification Summary (INDA & INDB): The %RPD for 4,4'-DDE (26.18%) for signal #1 was above the allowable maximum (25%) on 06-22-04. Positive results for 4,4'-DDE should be considered estimates (J).

Pesticide Analytical Sequence: The retention times for TCX and DCB were within control limits for both columns.

Pesticide Identification Summary for Single Component Analytes: Checked results were within GC quantitation limits. The %Ds for dual column quantitation of pesticides in the following samples were greater than the allowable maximum (25%) and flagged 'P' by the laboratory. Results with %Ds greater than 25% should be considered estimates (J). Results flagged may be biased low:

TP-5	TP-19	TP-12	TP-17	TP-18	TP-13
TP-15	TP-2	TP-1	TP-9	TP-10A	TP-3

Pesticide Identification Summary for Multicomponent Analytes: There were no detectable concentrations of target multi-component pesticides reported in samples contained in this data pack.



QA/QC Review of PCB Data for
STL Newburgh, STL Lab No. 237118

Soil Samples
Collected June 7 and 8, 2004

Prepared by: Donald Anné
July 26, 2004

Holding Times: Samples were extracted and analyzed within SW-846 holding times.

Blanks: The analyses of the method blanks reported target arochlors as not detected.

Surrogate Recovery: One of two surrogate recoveries for the following samples was above advisory limits on one or both columns:

TP-5	TP-19	TP-12	TP-17	TP-14	TP-2
TP-1	TP-11	TP-3	TP-12DL	TP-17DL	TP-1DL
TP-8DL	TP-3DL				

Two of two surrogate recoveries for the following samples were above advisory limits on one or both columns:

TP-4	TP-18	TP-8	TP-4DL	TP-19DL
TP-18DL	TP-14DL	TP-5DL		

Positive results for the above samples should be considered estimates (J).

One of two surrogate recoveries for sample TP-15 was below advisory limits, but was above 10% on one column. Results for sample TP-15 should be considered estimates (J).

Matrix Spike/Matrix Spike Duplicate: The relative percent difference (80%) was above the allowable maximum (35%) and 1 of 2 percent recoveries (107%) was outside QC limits (43-93%) for MS/MSD sample TP-5. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Blank Spike Recovery: The percent recovery for arochlor-1242 was below QC limits for sample PBSPK16. Results for arochlor-1242 should be considered estimates (J).

Initial Calibration: The %RSDs for PCB arochlors were below the allowable maximum (20%), as required.

Continuing Calibration: The average %Ds for arochlor-1016 (23.0%) and arochlor-1260 (23.4%) for signal #1, and arochlor-1016 (23.3%) and arochlor-1260 (18.5%) for signal #2 were above the allowable maximum (15%) on 06-22-04 (AR166007). The average %Ds for arochlor-1016 (23.4%) and arochlor-1260 (20.4%) for signal #1, and arochlor-1016 (21.2%) and arochlor-1260 (21.0%) for signal #2 were above the allowable maximum (15%) on 06-23-04 (AR166007). The average %Ds for arochlor-1260 (24.7%) for signal #1 and arochlor-aro-chlor-1260 (24.3%) for signal #2 were above the allowable maximum (15%) on 06-25-04 (AR166007). The average %Ds for arochlor-1260 (23.8%) for signal #1 and arochlor-aro-chlor-1260 (19.6%) for signal #2 were above the allowable maximum (15%) on 06-26-04 (AR166007). Positive results for these two arochlors should be considered estimates (J) in associated samples.

PCB Analytical Sequence: The retention times for TCX and DCB were within control limits on both columns.

PCB Identification Summary for Multicomponent Analytes: Checked results were within GC quantitation limits. The %Ds for dual column quantitation of arochlors in samples TP-13, TP-1, TP-8, TP-7, and TP-3 were greater than the allowable maximum (25%) and flagged 'P' by the laboratory. Results with %Ds greater than 25% should be considered estimates (J). Results flagged may be biased low.

There were PCB arochlor results for the following samples that were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were diluted by the laboratory and re-analyzed; therefore, the results for compounds that are flagged as 'E' in the undiluted sample should be considered estimates (J) and the use of the diluted results for those compounds is recommended. It is recommended that the undiluted results be used for all other compounds:

TP-5	TP-4	TP-19	TP-12	TP-17
TP-18	TP-13	TP14	TP-15	TP-1
TP-8	TP-10A	TP-3		



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QA/QC Review of TAL Metals Data
for STL Newburgh, STL Lab No: 237118

Soil Samples
Collected June 7 and 8, 2004

Prepared by: Donald Anné
July 26, 2004

Holding Times: The samples were analyzed within SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% for all metals except 80-120% for Hg).

CRDL Standard for AA and ICP: The percent recoveries for lead (124.5% and 129.2%) and zinc (129.4%, 136.8%, and 125.3%) were above control limits (80-120%). Positive results for lead and zinc that are less than 2 times the CRDL should be considered estimates (J).

Blanks: The analyses of initial and continuing calibration, and preparation blanks reported target metals as below the CRDLs, as required.

ICP Interference Check Sample: The percent recoveries for target metals were within control limits (80-120%).

Spike Sample Recovery: The percent recoveries for copper (125.8%), silver (62.1%), and zinc (817.2%) were outside control limits (75-125%) for spike sample TP-5S. Positive results for copper and all results for silver should be considered estimates (J). Positive results for zinc should be considered unusable (R).

Duplicates: The applicable relative percent differences for target metals were below the allowable maximum (35%) for duplicate sample TP-5D.

Laboratory Control Sample: The recoveries for target metals were within control limits for the LCSs.

ICP Serial Dilution: The %D for lead (13.0%) was above the allowable maximum (10%) for serial dilution sample TP-5L. Positive results for lead should be considered estimates (J).

Metals Data
STL Lab No. 237118

Instrument Detection Limits: The IDLs were at or below CRDLs, as required.

Percent Solids: The percent solids for sample TP-18 (45.9%) was below the allowable minimum (50%), but was above 10%. Results for sample TP-18 should be considered estimates (J).



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QA/QC Review of Cyanide Data for
STL Newburgh, STL Lab No: 237118

Soil Samples
Collected June 7 and 8, 2004

Prepared by: Donald Anné
July 26, 2004

Holding Times: The samples were analyzed within SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for cyanide were within control limits (85-115%).

Blanks: The analyses of initial and continuing calibration, and preparation blanks reported cyanide as not detected.

Spike Sample Recovery: The percent recovery for cyanide was within control limits (75-125%) for spike sample TP-5. The percent recovery for cyanide (61.9%) was outside control limits (75-125%) for spike sample TP-6. Results for cyanide should be considered estimates (J) in associated samples.

Duplicates: The analyses of duplicate samples TP-5/TP-5D and TP-6/TP-6D reported cyanide as not detected, and are acceptable.

Laboratory Control Sample: The recoveries for cyanide were within control limits for the LCSs.

Percent Solids: The percent solids for sample TP-18 (45.9%) was below the allowable minimum (50%), but was above 10%. The cyanide result for sample TP-18 should be considered an estimate (J).



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**Data Usability Summary Report for
STL Newburgh, STL Lab No. 237194**

**Soil, Sediment, and Surface Water Samples
Collected June 9 and 10, 2003**

**Prepared by: Donald Anné
July 26, 2004**

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data packs contained the results of volatile, semi-volatile, pesticide, PCB, metal, cyanide and total phenols analyses.

The overall performances of the analyses are acceptable. STL Newburgh did fulfill the requirements of the analytical methods.

The data generally are acceptable with some issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The volatile results for the following samples were flagged as "estimated" (J) because the results were quantitated using internal standard(s) with areas outside control limits:
SS-5 SS-5RE SS-9 SS-9RE SS-10
- Positive volatile results for samples SS-5 and SS-10RE were flagged as "estimated" (J) because 1 of 3 surrogate recoveries was above control limits.
- The volatile results for methylene chloride in the following samples were flagged as "estimated" (J) because the %D for methylene chloride in the associated continuing calibration was above the allowable maximum (25%):
SS-3 SS-7 SS-8 SS-9
- The semi-volatile results reported as "not detected" for hexachlorocyclopentadiene were flagged "unusable" (R) because the continuing calibration response factors were below 0.050.
- The semi-volatile result for pyrene in sample SED-2 was quantitated using data that was extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for pyrene marked "E" in the undiluted sample was qualified as an estimate (J).

- The semi-volatile results for the following samples were flagged as "estimated" (J) because the results were quantitated using internal standard(s) with areas outside control limits:

L-2	L-2RE	SED-6	SS-6	SS-7
SS-8	SED-5	SS-9	SS-6RE	SED-1
SS-10	SED-4	SS-4	SED-2	SED-3
SED-6RE	SS-7RE	SS-8RE	SS-10RE	SED-4RE
SED-5RE,	SS-9RE	SED-1RE	SS-4RE	SED-2DL

- Positive pesticide results for the following samples were flagged as "estimated" (J) because one or more surrogate recoveries were above advisory limits:

SW-1	SW-4	SS-2	SED-4	SED-5
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- The pesticide results reported with a laboratory 'P' for the following samples were flagged as "estimated" (R) because the %Ds for dual column quantitation were greater than 25%:

SW-1	SS-1	SED-4	SED-5
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- The pesticide results for gamma-BHC and aldrin in soil/sediment samples were flagged as "estimated" (J) because the percent recoveries for gamma-BHC and aldrin were below the QC limits for the soil blank spike sample.

- There were PCB results for some arochlors in the following samples that were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. Results for these compounds marked "E" in the undiluted sample were qualified as estimates (J):

SED-1	SED-2	SED-3	SED-4	SED-5	SED-6
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- The PCB arochlor results reported with a laboratory 'P' for the following samples were flagged as "estimated" (J) because the %Ds for dual column quantitation were greater than 25%:

SS-1	SS-2	SS-7	SED-1	SED-2
SED-3	SED-4	SED-5	SED-5DL	SED-6

- Positive PCB arochlor results for the following samples were flagged as "estimated" (J) because one or more surrogate recoveries were above advisory limits:

SS-1	SS-1DL	SS-2	SS-4	SS-7	SS-9
SED-1	SED-1DL	SED-2	SED-2DL	SED-3	SED-3DL
SED-4	SED-4DL	SED-5	SED-5DL	SED-6	SED-6DL

- The results for silver in soil, sediment and surface water samples were flagged as “estimated” (J) because spike recoveries were outside control limits.
- Positive results for zinc in soil samples were flagged as “unusable” (R) because the spike recovery was significantly above control limits for the soil spike sample.
- Zinc results in soil samples were flagged as “estimated” (J) because the %D was above the allowable maximum (10%) for the soil serial dilution sample.
- Cadmium results in sediment samples were flagged as “estimated” (J) because the relative percent difference was above the allowable maximum (35%) for the sediment duplicate sample.
- Metal and cyanide results for the following samples were flagged as “estimated” (J) because the percent solids were below the allowable minimum (50%):

SS-4 (38.6%)	SED-1 (47.5%)	SED-2 (42.5%)	SED-3(46.4%)
SED-5 (47.1%)			
- Results for cyanide in soil samples were flagged as “estimated” (J) because the spike recovery was outside control limits for the soil spike sample.

All data that are not flagged rejected (R) are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.



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QA/QC Review of Volatiles Data
for STL Newburgh, STL Lab No. 237194

Soil, Sediment, and Surface Water Samples
Collected June 9 and 10, 2004

Prepared by: Donald Anné
July 26, 2004

Holding Times: Samples were analyzed within SW-846 holding times.

GC/MS Tuning and Mass Calibration: All BFB tuning criteria were within control limits.

Initial Calibration: The RRFs for trichloroethene were below the ASP required minimum, but were greater than 0.010 on 06-18-04 (XS). The RRFs for 1,1,2,2-tetrachloroethane were below the ASP required minimum, but were greater than 0.010 on 06-20-04 (WS). The RRFs for trichloroethene were below the ASP required minimum, but were greater than 0.010, and the %RSD for total xylenes was above the ASP required maximum, but was less than 40% on 06-23-04 (XS). No action is taken when two or fewer compounds per calibration do not meet ASP criteria.

The %RSD for 2-chloroethylvinylether (32.89%) was above the allowable maximum (30%) on 06-18-04 (XS). The average RRF for 2-chloroethylvinylether (0.046) was below the allowable minimum (0.050) on 06-18-04 (XS). Results for 2-chloroethylvinylether should be considered estimates (J).

Continuing Calibration: The CCRF for trichloroethene was below the ASP required minimum but was greater than 0.010 on 06-21-04 (XS858.D). The CCRF for trichloroethene was below the ASP required minimum but was greater than 0.010 on 06-22-04 (XS860.D). The CCRF for 1,1,2,2-tetrachloroethene was below the ASP required minimum but was greater than 0.010 on 06-23-04 (WS539.D). The CCRF for trichloroethene was below the ASP required minimum but was greater than 0.010 on 06-23-04 (XS863.D). The CCRF for 1,1,2,2-tetrachloroethene was below the ASP required minimum but was greater than 0.010 on 06-24-04 (WS540.D). The CCRF for trichloroethene was below the ASP required minimum but was greater than 0.010 on 06-24-04 (XS868.D). No action is taken when two or fewer compounds per calibration do not meet ASP criteria.

The CCRFs for target compounds were above the allowable minimum (0.050), as required.

The %D for 2-chloroethylvinylether (71.6%) was above the allowable maximum (25%) on 06-21-04 (XS858.D). The %Ds for 2-chloroethylvinylether (83.9%), 4-methyl-2-pentanone (34.5%) and 2-hexanone (30.9%) were above the allowable maximum (25%) on 06-22-04 (XS860.D). The %Ds for methylene chloride (30.6%) and carbon disulfide (29.5%) were above the allowable maximum (25%) on 06-23-04 (XS863.D). Positive results for these compounds should be considered estimates (J) in associated samples.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: All internal standard retention times were within control limits. One of three internal stand areas (IS3) for samples SS-5, SS-5RE, and SS-10 was outside control limits. Two of three internal stand areas (IS1, IS3) for sample SS-9RE were outside control limits. Three of three internal stand areas (IS1, IS2, IS3) for sample SS-9 were outside control limits. Results for these samples that are quantitated using internal standards with areas outside control limits should be considered estimates (J).

Surrogate Recovery: One of three surrogate recoveries for samples SS-5 and SS-10RE was above control limits. Positive results for samples SS-5 and SS-10RE should be considered estimates (J).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximum and the percent recoveries were within control limits for MS/MSD samples SW-3 and SED-3.

Blank Spike Recovery: The percent recoveries were within QC limits for samples VBSPK23 (water) and VBSPK23 (soil).

Compound ID: Checked compounds were within GC/MS quantitation and qualification limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in SW846.



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QA/QC Review of Semi-Volatiles Data
for STL Newburgh, STL Lab No. 237194

Soil, Sediment, and Surface Water Samples
Collected June 9 and 10, 2004

Prepared by: Donald Anné
July 26, 2004

Holding Times: Samples were extracted and analyzed within SW-846 holding times.

GC/MS Tuning and Mass Calibration: All DFTPP tuning criteria were within control limits.

Initial Calibration: The RRFs for bis(2-chloroethoxy)methane were below the ASP required minimum but were greater than 0.010, and the %RSD for pentachlorophenol was above the allowable maximum, but was less than 100% on 06-21-04. The RRFs for acenaphthylene, acenaphthene, and fluorene were below the ASP required minimums but were greater than 0.010, and the %RSD for pentachlorophenol was above the allowable maximum, but was less than 100% on 06-22-04. No action is taken when four or fewer compounds per calibration do not meet ASP criteria.

The average RRFs for target compounds were above the allowable minimum (0.050), as required. The %RSDs for hexachlorocyclopentadiene (41.10%) and 2,4-dinitrophenol (38.87%) were above the allowable maximum (30%) on 06-21-04. The %RSDs for hexachlorocyclopentadiene (57.37%) and 2,4-dinitrophenol (30.14%) were above the allowable maximum (30%) on 06-22-04. Positive results for these two compounds should be considered estimates (J).

Continuing Calibration: The CCRFs were above the ASP required minimums and %Ds were below the ASP required maximum.

The CCRF for hexachlorocyclopentadiene (0.034) was below the allowable minimum (0.050) on 06-23-04 (CCV3053.D). The CCRF for hexachlorocyclopentadiene (0.040) was below the allowable minimum (0.050) on 06-24-04 (CCV2416.D). The CCRF for hexachlorocyclopentadiene (0.043) was below the allowable minimum (0.050) on 06-25-04 (CCV2417.D). Positive results for hexachlorocyclopentadiene should be considered estimates (J) and negative results unusable (R) in associated samples.

The %Ds for n-nitrosodimethylamine (33.6%), hexachlorocyclopentadiene (65.2%) and 4-nitrophenol (40.4%) were above the allowable maximum (25%) 06-22-04 (CCV3052.D). The %Ds for hexachlorocyclopentadiene (54.0%), 4-nitroaniline (30.2%), and di-n-octylphthalate (29.2%) were above the allowable maximum (25%) 06-24-04 (CCV2416.D). The %Ds for hexachlorocyclopentadiene (51.0%), 3-nitroaniline (30.2%), 4-nitrophenol (27.6%), 4-nitroaniline (31.4%), and 3,3'-dichlorobenzidine (26.7%) were above the allowable maximum (25%) 06-28-04 (CCV2417.D). The %Ds for 4-nitrophenol (42.8%), hexachlorocyclopentadiene (38.1%), 4-nitroaniline (28.1%), and 3,3'-dichlorobenzidine (29.9%) were above the allowable maximum (25%) 06-29-04 (CCV2419.D). Positive results for these compounds should be considered estimates (J) in associated samples.

Blanks: The analysis of the soil method blanks reported target compounds as not detected. The water method blank SBLK17 was inadvertently spiked by the laboratory, resulting in all but a few target compounds detected in the blank. The lab accepted the blank since all target compounds were detected at levels less than the CRDL, as required. This water blank can not be used to evaluate the environmental samples.

Internal Standard Area Summary: The internal standard retention times were within control limits. One of 6 internal standard areas (IS6) for the following samples was outside control limits:

L-2	L-2RE	SED-6	SS-6	SS-7
SS-8	SED-5	SS-9	SS-6RE	SED-1

Two of 6 internal standard areas (IS5, IS6) for the following samples were outside control limits:

SS-10	SED-4	SS-4	SED-2	SED-3
SED-6RE	SS-7RE	SS-8RE	SS-10RE	SED-4RE
SED-5RE,	SS-9RE	SED-1RE	SS-4RE	SED-2DL

Results for the above samples that are quantitated using internal standards with areas outside control limits should be considered estimates (J).

Surrogate Recovery: One surrogate for sample SED-2DL was diluted beyond detection limits. No action is taken on surrogates that are diluted beyond detection limits.

Matrix Spike/Matrix Spike Duplicate: Two of 11 relative percent differences (RPDs) were above the allowable maximums and 1 of 22 %Rs (percent recoveries) was outside control limits for MS/MSD sample SW-3. One of 11 RPDs was above the allowable maximums and 1 of 22 %Rs was outside control limits for MS/MSD sample SED-3. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Blank Spike Recovery: The percent recoveries were within QC limits for samples SBSPK17 and SBSPK22.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in SW846.

The result for pyrene in sample SED-2 was quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The sample was diluted by the laboratory and re-analyzed; therefore, the result for pyrene that is flagged as 'E' in the undiluted sample should be considered estimates (J) and the use of the diluted results for pyrene is recommended. It is recommended that the undiluted results be used for all other compounds.



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QA/QC Review of Pesticide Data for
STL Newburgh, STL Lab No. 237194

Soil, Sediment, and Surface Water Samples
Collected June 9 and 10, 2004

Prepared by: Donald Anné
July 26, 2004

Holding Times: Samples were extracted and analyzed within SW-846 holding times.

Blanks: The analyses of the method blanks reported target arochlors as not detected.

Surrogate Recovery: One of two surrogate recoveries for the following samples was above advisory limits on one or both columns:

SW-4	SW-5	SS-1	SS-2	SS-3	SS-4
SS-5	SS-6	SS-7	SS-8	SS-9	SED-1
SED-3	SED-4	SED-5	SED-6		

Two of two surrogate recoveries for samples SW-1 and SED-2 were above advisory limits on one or both columns. Positive results for these samples should be considered estimates (J).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences (RPDs) were below the allowable maximum, but 6 of 12 %Rs (percent recoveries) were outside QC limits for MS/MSD sample SW-3. One of 6 RPDs was below the allowable maximum and 7 of 12 %Rs were outside QC limits for MS/MSD sample SED-3. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Blank Spike Recovery: The percent recoveries (%Rs) for gamma-BHC, heptachlor, and aldrin were above QC limits for water sample PBSPK11. Positive results for these pesticides should be considered estimates (J) in water samples. The %Rs for gamma-BHC and aldrin were below QC limits for soil sample PBSPK18. Results for these pesticides should be considered estimates (J) in soil/sediment samples.

Pesticide Analytical Sequence: The retention times for TCX and DCB were within control limits for both columns.

Initial Calibration: The %RSDs for 4,4'-DDE (34.57%), endrin (21.77%), endosulfan II (21.01%), endrin ketone (20.81%), and 4,4'-DDT (39.72%) for signal #1, and aldrin (152.76%), 4,4'-DDD (20.33%), endrin ketone (22.95%), and 4,4'-DDT (21.86%) for signal #2 were above the allowable maximum (20%) on 06-28-04. Positive results for these pesticides should be considered estimates (J) in associated samples.

Pesticide Calibration Verification Summary (PEM): The %RPDs for target pesticides were below the allowable maximum (25%), as required. The percent breakdowns were below the allowable maximums for 4,4'-DDT (20%), endrin (20%), and combined (30%), as required.

Pesticide Calibration Verification Summary (INDA & INDB): The %RPD for 4,4'-DDT (39.09%) for signal #1 and aldrin (61.21%) for signal #2 were above the allowable maximum (25%) on 06-29-04. Positive results for these two compounds should be considered estimates (J) in associated samples.

Pesticide Identification Summary for Single Component Analytes: Checked results were within GC quantitation limits. The %Ds for dual column quantitation of pesticides in samples SW-1, SS-1, SED-4, and SED-5 were greater than the allowable maximum (25%) and flagged 'P' by the laboratory. Results with %Ds greater than 25% should be considered estimates (J). Results flagged may be biased low.

Pesticide Identification Summary for Multi-component Analytes: There were no detectable concentrations of target multi-component pesticides reported in samples contained in this data pack.



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QA/QC Review of PCB Data for
STL Newburgh, STL Lab No. 237194

Soil, Sediment, and Surface Water Samples
Collected June 9 and 10, 2004

Prepared by: Donald Anné
July 26, 2004

Holding Times: Samples were extracted and analyzed within SW-846 holding times.

Blanks: The analyses of the method blanks reported target arochlors as not detected.

Surrogate Recovery: One of two surrogate recoveries for the following samples was above advisory limits on one or both columns:

SS-1	SS-1DL	SS-2	SS-4	SS-7
SS-9	SED-1	SED-1DL	SED-2DL	SED-3
SED-4	SED-4DL	SED-5	SED-5DL	SED-6
SED-6DL				

Two of two surrogate recoveries for samples SED-2 and SED-3DL were above advisory limits on one or both columns. Positive results for the above samples should be considered estimates (J).

Matrix Spike/Matrix Spike Duplicate: The relative percent difference (RPD) was below the allowable maximum (20%) and the percent recoveries (%Rs) were within QC limits (43-93%) for MS/MSD sample SW-3. The RPD was below the allowable maximum (35%), but both the %Rs were outside QC limits (43-93%) for MS/MSD sample SED-3. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Blank Spike Recovery: The percent recoveries for arochlor-1242 were within QC limits for samples PBSPK02 and PBSPK18.

Initial Calibration: The %RSDs for PCB arochlors were below the allowable maximum (20%), as required.

PCB Analytical Sequence: The retention times for TCX and DCB were within control limits on both columns.

Continuing Calibration: The average %Ds for arochlor-1260 (23.8%) for signal #1, and arochlor-1260 (19.6%) for signal #2 were above the allowable maximum (15%) on 06-25-04 (AR166007). The average %Ds for arochlor-1260 (24.4%) for signal #1 and arochlor-1260 (22.0%) for signal #2 were above the allowable maximum (15%) on 06-29-04 (AR166006). Positive results for arochlor-1260 should be considered estimates (J) in associated samples.

PCB Identification Summary for Multicomponent Analytes: Checked results were within GC quantitation limits. The %Ds for dual column quantitation of arochlors in the following samples were greater than the allowable maximum (25%) and flagged 'P' by the laboratory. Results with %Ds greater than 25% should be considered estimates (J). Results flagged may be biased low:

SS-1	SS-2	SS-7	SED-1	SED-2
SED-3	SED-4	SED-5	SED-5DL	SED-6

There were PCB arochlor results for the following samples that were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were diluted by the laboratory and re-analyzed; therefore, the results for compounds that are flagged as 'E' in the undiluted sample should be considered estimates (J) and the use of the diluted results for those compounds is recommended. It is recommended that the undiluted results be used for all other compounds:

SED-1	SED-2	SED-3	SED-4	SED-5	SED-6
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**QA/QC Review of TAL Metals Data
for STL Newburgh, STL Lab No: 237194**

**Soil, Sediment, and Surface Water Samples
Collected June 9 and 10, 2004**

Prepared by: Donald Anné
July 26, 2004

Holding Times: The samples were analyzed within SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% for all metals except 80-120% for Hg).

CRDL Standard for AA and ICP: The percent recoveries for target metals were within control limits (80-120%).

Blanks: The analyses of initial and continuing calibration, and preparation blanks reported target metals as below the CRDLs, as required.

ICP Interference Check Sample: The percent recoveries for target metals were within control limits (80-120%).

Spike Sample Recovery: The percent recovery for silver (70.2%) was below control limits (75-125%) for the water spike sample SW-3S. Results for silver should be considered estimates (J) in water samples. The percent recovery for silver (72.3%) was below control limits (75-125%) for the soil spike sample SS-1S. Results for silver should be considered estimates (J) in soil samples. The percent recoveries for silver (71.2%) and zinc (136.9%) were outside control limits (75-125%) for the sediment spike sample SED-3S. Results for silver and positive results for zinc should be considered estimates (J) in sediment samples.

Duplicates: The applicable relative percent differences (RPD) for target metals were below the allowable maximum (soil-35% and water-20%) for the water duplicate sample SW-3D and the soil duplicate sample SS-1D. The RPD for cadmium (60.7%) was above the allowable maximum (35%) for the sediment duplicate sample SED-3. Positive results for cadmium should be considered estimates (J) in sediment samples.

Laboratory Control Sample: The recoveries for target metals were within control limits for the soil/sediment LCSs. The percent recovery for silver (64.2%) was below control limits (80-120%) for the water LCS. Results for silver should be considered estimates (J) in water samples.

Standard Addition Results: The correlation coefficient for selenium (0.999) in sample SW-1 was greater than the allowable minimum (0.995), as required.

ICP Serial Dilution: The %Ds for applicable target metals were below the allowable maximum (10%) for the water serial dilution sample SW-3L and the sediment serial dilution sample SED-3L. The %D for zinc (13.0%) was above the allowable maximum (10%) for the soil serial dilution sample SS-1L. Positive results for zinc should be considered estimates (J) in soil samples.

Instrument Detection Limits: The IDLs were at or below CRDLs, as required.

Percent Solids: The percent solids for the following samples were below the allowable minimum (50%), but were above 10%. Results for these samples should be considered estimates (J):

SS-4 (38.6%)	SED-1 (47.5%)	SED-2 (42.5%)	SED-3 (46.4%)
SED-5 (47.1%)			



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QA/QC Review of Cyanide Data for
STL Newburgh, STL Lab No: 237194

Soil, Sediment, and Surface Water Samples
Collected June 9 and 10, 2004

Prepared by: Donald Anné
July 26, 2004

Holding Times: The samples were analyzed within SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for cyanide were within control limits (85-115%).

Blanks: The analyses of initial and continuing calibration, and preparation blanks reported cyanide as not detected.

Spike Sample Recovery: The percent recoveries for cyanide were within control limits (75-125%) for the water spike sample SW-3 and the sediment spike sample SED-3. The percent recovery for cyanide (62.0%) was outside control limits (75-125%) for the soil spike sample 237118-15. Results for cyanide should be considered estimates (J) in soil samples.

Duplicates: The analyses of duplicate samples SW-3/SW-3D, SED-3/SED-3D, and 237118-15/237118-15D reported cyanide as not detected, and are acceptable.

Laboratory Control Sample: The recoveries for cyanide were within control limits for the LCSs.

Percent Solids: The percent solids for the following samples were below the allowable minimum (50%), but were above 10%. The cyanide result for these samples should be considered an estimates (J):

SS-4 (38.6%)	SED-1 (47.5%)	SED-2 (42.5%)	SED-3 (46.4%)
SED-5 (47.1%)			



**QA/QC Review of Total Recoverable Phenolics
Data for STL Newburgh, STL Lab No: 237194**

**Surface Water Samples
Collected June 9 and 10, 2004**

**Prepared by: Donald Anné
July 26, 2004**

Holding Times: The samples were analyzed within SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for total recoverable phenolics were within control limits (85-115%).

Blanks: The analyses of initial and continuing calibration, and method blanks reported total recoverable phenolics as not detected.

Spike Sample Recovery: The percent recovery for total recoverable phenolics was within control limits (75-125%) for the spike sample.

Duplicates: The analyses of duplicate samples reported total recoverable phenolics as not detected, and are acceptable.

Laboratory Control Sample: The percent recovery for total recoverable phenolics was within control limits for the LCS.



QA/QC Review of Total Organic Carbon (TOC)
Data for STL Burlington, SDG: 100771

Sediment Samples
Collected June 9, 2004

Prepared by: Donald Anné
July 26, 2004

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Holding Times: The samples were analyzed within SW-846 holding times.

Blanks: The analyses of the method blank reported TOC as not detected.

Spike Sample Recovery: The percent recovery for TOC (105%) was within control limits (75-125%) for spike sample SED-3MS.

Duplicates: The relative percent difference for TOC (27%) was below the allowable maximum (35%) for duplicate sample SED-3REP, as required.

Laboratory Control Sample: The percent recovery for TOC (98%) was within control limits for the LCS.



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August 16, 2004

Mr. Mark Schumacher
InteGreyted International, LLC
104 Jamesville Road
Syracuse, New York 13204

Re: Data Validation Report
Cooper Project
June-July 2004 Ground Water Sampling Event

Dear Mr. Schumacher:

The data validation summaries are attached to this letter for the Cooper Project, June-July 2004 ground water sampling event. The data for STL Newburgh, STL Lab No. 237960, were mostly acceptable with some issues that are identified and discussed in the validation summaries. STL Newburgh failed to meet ASP calibration criteria for semi-volatile analyses which affected sample MW-6A. The data pack contained data that were qualified unusable (R). The individual QA/QC reviews contain the explanation for rejecting the data, based solely on the validation guidance criteria. The rejected data may be determined to be acceptable to the user based on additional information that is not contained in the data validation criteria.

A list of common data validation acronyms is attached to this letter to assist you interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist InteGreyted International, LLC.

Sincerely,
Alpha Environmental Consultants, Inc.

Donald Anné
Senior Chemist

DCA:dca
attachments

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Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

- U = Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
- R = Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
- N = Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
- J = Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
- UJ = Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation



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Data Usability Summary Report for
STL Newburgh, STL Lab No. 237960

Ground Water Samples
Collected June 30 and July 1, 2003

Prepared by: Donald Anné
August 16, 2004

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data packs contained the results of volatile, semi-volatile, pesticide, PCB, metal, cyanide and total phenols analyses.

The overall performances of the analyses are acceptable. STL Newburgh did fulfill the requirements of the analytical methods.

The data generally are acceptable with some issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The volatile results reported as "not detected" for 2-chloroethylvinylether were flagged "unusable" (R) because the response factors were below 0.050.
- The volatile result for chloroethane in sample MW-1N was quantitated using data that was extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for chloroethane marked "E" in the undiluted sample was qualified as estimated (J).
- The semi-volatile results reported as "not detected" for samples MW-8A, MW-6A, and MW-6ARE were flagged as "unusable" (R) and detected compounds were flagged estimates (J) because two or more acid extractable and base/neutral surrogate recoveries were below control limits and were below 10%.
- Positive base/neutral semi-volatile results for sample MW-12 were flagged as "estimated" (J) because two surrogate recoveries were above advisory limits.
- Semi-volatile results for bis(2-ethylhexyl)phthalate in samples were flagged as "not detected" (U) because the levels in the samples were not significantly higher than the level in the associated method blank.

- Semi-volatile results for 1,2,4-trichlorobenzene and 4-nitrophenol in samples were flagged as "estimated" (J) because the percent recoveries for those compounds were below QC limits in the associated blank spike sample.
- Semi-volatile results for sample MW-8ARR were flagged as "estimated" (J) because the sample was re-extracted outside SW-846 holding times.
- Pesticide results for samples MW-4B, MW-9B, MW-6A, and MW-6B were flagged as "estimated" (J) because one or more surrogate recoveries were below advisory limits.
- The pesticide results for gamma-BHC and aldrin in sample MW-4A and MW-4B were flagged as "estimated" (J) because the percent recoveries for gamma-BHC and aldrin were below the QC limits for the blank spike sample PBSPK22.
- PCB arochlor results for samples MW-9B, MW-6A, and MW-6B were flagged as "estimated" (J) because one or more surrogate recoveries were below advisory limits.
- The results for iron, lead, selenium and silver in samples were flagged as "estimated" (J) because percent recoveries were below control limits in associated spike sasmples.

All data that are not flagged rejected (R) are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.



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**QA/QC Review of Volatiles Data
for STL Newburgh, STL Lab No. 237960**

**Ground Water Samples
Collected June 30 and July 1, 2004**

Prepared by: Donald Anné
August 16, 2004

Holding Times: Samples were analyzed within SW-846 holding times.

GC/MS Tuning and Mass Calibration: All BFB tuning criteria were within control limits.

Initial Calibration: The RRFs for trichloroethene and 1,1,2,2-tetrachloroethane were below the ASP required minimums, but were greater than 0.010. No action is taken when two or fewer compounds per calibration do not meet ASP criteria.

The %RSD for 2-chloroethylvinylether (60.67%) was above the allowable maximum (30%). The average RRF for 2-chloroethylvinylether (0.014) was below the allowable minimum (0.050). Results for 2-chloroethylvinylether should be considered estimates (J).

Continuing Calibration: The CCRFs for trichloroethene and 1,1,2,2-tetrachloroethane were below the ASP required minimums but were greater than 0.010 on 07-12-04 (XS883.D). The CCRFs for trichloroethene and 1,1,2,2-tetrachloroethane were below the ASP required minimums but were greater than 0.010 on 07-13-04 (X8052.D). The CCRFs for trichloroethene and 1,1,2,2-tetrachloroethane were below the ASP required minimums but were greater than 0.010 on 07-14-04 (XS8076.D). The CCRFs for trichloroethene and 1,1,2,2-tetrachloroethane were below the ASP required minimums but were greater than 0.010 on 07-15-04 (XS8091.D). No action is taken when two or fewer compounds per calibration do not meet ASP criteria.

The %Ds for target compounds were below the allowable maximum (25%), as required. The CCRF for 2-chloroethylvinylether (0.014) was below the allowable minimum (0.050) on 07-12-04 (XS883.D). The CCRF for 2-chloroethylvinylether (0.013) was below the allowable minimum (0.050) on 07-13-04 (X8052.D). The CCRF for 2-chloroethylvinylether (0.012) was below the allowable minimum (0.050) on 07-14-04 (XS8076.D). The CCRF for 2-chloroethylvinylether (0.015) was below the allowable minimum (0.050) on 07-15-04 (XS8091.D). Positive results for 2-chloroethylvinylether should be considered estimates (J) and negative results unusable (R) in associated samples.

Blanks: The analyses of the method and trip blanks reported target compounds as not detected. Field blank FB contained a trace of chloroform (8 ug/L). Results for chloroform that are less than five times the field blank level should be considered not detected (U) in associated samples.

Internal Standard Area Summary: All internal standard areas and retention times were within control limits.

Surrogate Recovery: The percent recoveries were within control limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximum and the percent recoveries were within control limits for MS/MSD samples MW-8B and MW-7.

Blank Spike Recovery: The percent recoveries were within QC limits for samples VBSPK10 and VBSPK14. The percent recovery for benzene in sample VBSPK015 was above control limits. Positive results for benzene should be considered estimates in associated samples.

Compound ID: Checked compounds were within GC/MS quantitation and qualification limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in SW846.

The result for chloroethane in sample MW-1N was quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. This sample was diluted by the laboratory and re-analyzed; therefore, the result for chloroethane that is flagged as 'E' in the undiluted sample should be considered estimated (J) and the use of the diluted results for this compound is recommended. It is recommended that the undiluted results be used for all other compounds.



ENVIRONMENTAL
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Data Validation

Environmental Chemistry

Lab and Field Audits

Sampling Plans

QA/QC Review of Semi-Volatiles Data
for STL Newburgh, STL Lab No. 237960

Ground Water Samples
Collected June 30 and July 1, 2004

Prepared by: Donald Anné
August 16, 2004

Holding Times: Sample MW-8ARR was extracted outside SW-846 holding times. Results for MW-8ARR should be considered estimates (J).

GC/MS Tuning and Mass Calibration: All DFTPP tuning criteria were within control limits.

Initial Calibration: The RRFs for bis(2-chloroethoxy)methane were below the ASP required minimum but were greater than 0.010, and the %RSD for pentachlorophenol was above the allowable maximum, but was less than 100% on 06-21-04. No action is taken when four or fewer compounds per calibration do not meet ASP criteria.

The RRFs for naphthylene, 2-chloronaphthalene, acenaphthene, benzo(a)anthracene, fluorene, and benzo(k)fluoranthene were below the ASP required minimums but were greater than 0.010, and the %RSD for pentachlorophenol was above the allowable maximum, but was less than 100% on 07-14-04. Samples associated with this calibration should have been re-analyzed because greater than four compounds did not meet criteria. One sample, MW-8ARR that was associated with this initial calibration is a re-extraction of a sample that was associated with acceptable calibrations; therefore, no action was taken. Two other samples, MW-6A and MW-6ARE, were associated with the initial calibration and represent the original and re-analysis of the same sample. Results for compounds that were outside ASP criteria should be considered estimates in samples MW-6A and MW-6ARE.

The average RRFs for target compounds were above the allowable minimum (0.050), as required. The %RSDs for hexachlorocyclopentadiene (41.10%) and 2,4-dinitrophenol (38.87%) were above the allowable maximum (30%) on 06-21-04. The %RSDs for hexachlorocyclopentadiene (57.37%) and 2,4-dinitrophenol (30.14%) were above the allowable maximum (30%) on 06-22-04. Positive results for these two compounds should be considered estimates (J).

Continuing Calibration: The CCRFs for bis(2-chloroethoxy)methane, acenaphthene, fluorene, benzo(a)anthracene, and chrysene were below the ASP required minimums but were greater than 0.010, and the %RSD for pentachlorophenol was above the allowable maximum, but was less than 100% on 07-14-04 (CCV3071.D). The CCRFs for bis(2-chloroethoxy)methane, naphthalene, 2-chloronaphthalene, acenaphthene, fluorene, phenanthrene, benzo(a)anthracene, and chrysene were below the ASP required minimums but were greater than 0.010, and the %RSD for pentachlorophenol was above the allowable maximum, but was less than 100% on 07-19-04 (CCV3076.D). One sample, MW-8ARR, that was associated with these continuing calibrations is a re-extraction of a sample that is associated with acceptable calibrations; therefore, no action was taken. Two other samples, MW-6A and MW-6ARE, were associated with these continuing calibrations and represent the original and re-analysis of the same sample. Results for compounds that were outside ASP criteria should be considered estimates in samples MW-6A and MW-6ARE.

The CCRFs for target compounds were above the allowable minimum (0.050), as required. The %Ds for hexachlorocyclopentadiene (33.1%), 2,4-dinitrophenol (33.2%), 4-nitrophenol (37.2%), and pentachlorophenol (25.6%) were above the allowable maximum (25%) 07-14-04 (CCV3071.D). The %Ds for 4-chloroaniline (27.9%) was above the allowable maximum (25%) 07-08-04 (CCV3063.D). The %Ds for hexachlorocyclopentadiene (32.0%) was above the allowable maximum (25%) 07-12-04 (CCV3066.D). The %Ds for 4-nitrophenol (28.0%) and pentachlorophenol (25.7%) were above the allowable maximum (25%) 07-19-04 (CCV3076.D). Positive results for these compounds should be considered estimates (J) in associated samples.

Blanks: Method blank SBLK33 contained a trace of bis(2-ethylhexyl)phthalate (3 ug/L). Method blank SBLK34 contained a trace of bis(2-ethylhexyl)phthalate (2 ug/L). Results for bis(2-ethylhexyl)phthalate that are less than ten times the method blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard retention times were within control limits. Two of 6 internal standard areas (IS1, IS2) for samples MW-6A and MW-6ARE were outside control limits. Results for samples MW-6A and MW-6ARE that are quantitated using internal standards IS1 and IS2 should be considered estimates (J).

Surrogate Recovery: Two of four acid extractable surrogate recoveries for sample MW-12 were above control limits. Positive acid extractable results for sample MW-12 should be considered estimates (J).

Three of four acid extractable surrogate recoveries for sample MW-8A were below control limits and were less than 10%. Four of four acid extractable surrogate recoveries for samples MW-6A and MW-6ARE, and 3 of 4 acid extractable surrogate recoveries for sample MW-8A were below control limits and were less than 10%. Two of four base/neutral surrogate recoveries for sample MW-6ARE, 3 of 4 base/neutral surrogate recoveries for sample MW-6A, and 4 of 4 base/neutral surrogate recoveries for sample MW-8A were below control limits and were less than 10%. Positive results for samples MW-8A, MW-6A and MW-6ARE should be considered estimates (J) and negative results unusable (R).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences (RPDs) were below the allowable maximums, but 6 of 22 %Rs (percent recoveries) were outside control limits for MS/MSD sample ZZZZZZ33. The RPDs were below the allowable maximums, but 7 of 22 %Rs were outside control limits for MS/MSD sample MW-7. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Blank Spike Recovery: The percent recoveries (%Rs) were within QC limits for sample SBSPK43. The %R for 4-nitrophenol in sample SBSPK33 was below QC limits. The %Rs for 1,2,4-trichlorobenzene and 4-nitrophenol in sample SBSPK34 were below QC limits. The %Rs for 1,2,4-trichlorobenzene and 4-nitrophenol in sample SBSPK37 were below QC limits. Results for 1,2,4-trichlorobenzene and 4-nitrophenol should be considered estimates (J) in associated samples.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in SW846.



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**QA/QC Review of Pesticide Data for
STL Newburgh, STL Lab No. 237960**

**Ground Water Samples
Collected June 30 and July 1, 2004**

**Prepared by: Donald Anné
August 16, 2004**

Holding Times: Samples were extracted and analyzed within SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target arochlors as not detected.

Surrogate Recovery: One of two surrogate recoveries for samples MW-4B, MW-9B, MW-6A, and MW-6B was below advisory limits on one or both columns. Results for these samples should be considered estimates (J).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences (RPDs) were below the allowable maximums, but 1 of 12 %Rs (percent recoveries) was outside QC limits for MS/MSD sample MW-8B. Two of 6 RPDs was below the allowable maximum and 1 of 12 %Rs was outside QC limits for MS/MSD sample ZZZZZ. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Blank Spike Recovery: The percent recoveries (%Rs) were within QC limits for sample PBSPK23. The %R for gamma-BHC and aldrin were below QC limits for soil sample PBSPK22. Results for these two pesticides should be considered estimates (J) in associated samples.

Pesticide Analytical Sequence: The retention times for TCX and DCB were within control limits for both columns.

Initial Calibration: The %RSDs for target pesticides were below the allowable maximum (20%), as required.

Pesticide Calibration Verification Summary (PEM): The %RPDs for target pesticides were below the allowable maximum (25%), as required. The percent breakdowns were below the allowable maximums for 4,4'-DDT (20%), endrin (20%), and combined (30%), as required.

Pesticide Calibration Verification Summary (INDA & INDB): The %RPDs for target pesticides were below the allowable maximum (25%), as required.

Pesticide Identification Summary for Single Component Analytes: Checked surrogate results were within GC quantitation limits. There were no detectable concentrations of target single component pesticides reported in samples contained in this data pack.

Pesticide Identification Summary for Multi-component Analytes: There were no detectable concentrations of target multi-component pesticides reported in samples contained in this data pack.



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Data Validation

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QA/QC Review of PCB Data for
STL Newburgh, STL Lab No. 237960

Ground Water Samples
Collected June 30 and July 1, 2004

Prepared by: Donald Anné
August 16, 2004

Holding Times: Samples were extracted and analyzed within SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target arochlors as not detected.

Surrogate Recovery: One of 2 surrogate recoveries for sample MW-11A was above advisory limits on one column. Positive results for sample MW-11A should be considered estimates (J).

One of 2 surrogate recoveries for samples MW-9B, MW-6A, and MW-6B was below advisory limits on one or both columns. Results for sample MW-9B, MW-6A, and MW-6B should be considered estimates (J).

Matrix Spike/Matrix Spike Duplicate: The relative percent difference (RPD) was below the allowable maximum (20%) and the percent recoveries (%Rs) were within QC limits (43-93%) for MS/MSD sample ZZZZ. The RPD was below the allowable maximum (35%), but 1 of 2 %Rs was above QC limits (43-93%) for MS/MSD sample MW-8B. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Blank Spike Recovery: The percent recoveries for arochlor-1242 were within QC limits for samples PBSPK22 and PBSPK23.

Initial Calibration: The %RSDs for PCB arochlors were below the allowable maximum (20%), as required.

PCB Analytical Sequence: The retention times for TCX and DCB were within control limits on both columns.

Continuing Calibration: The average %Ds for arochlor-1260 (19.9%) for signal #1, and arochlor-1260 (18.4%) for signal #2 were above the allowable maximum (15%) on 07-09-04 (AR166007). The average %Ds for arochlor-1016 (19.5%) for signal #1 and arochlor-1016 (19.9%) for signal #2 were above the allowable maximum (15%) on 07-12-04 (AR166007). The average %Ds for arochlor-1016 (18.2%) for signal #1 and arochlor-1016 (20.6%) for signal #2 were above the allowable maximum (15%) on 07-13-04 (AR166009). Positive results for these arochlors should be considered estimates (J) in associated samples.

PCB Identification Summary for Multicomponent Analytes: Checked surrogate results were within GC quantitation limits. There were no detectable concentrations of target PCB arochlors reported in samples contained in this data pack.



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**QA/QC Review of TAL Metals Data
for STL Newburgh, STL Lab No: 237960**

**Ground Water Samples
Collected June 30 and July 1, 2004**

**Prepared by: Donald Anné
August 16, 2004**

Holding Times: The samples were analyzed within SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% for all metals except 80-120% for Hg).

CRDL Standard for AA and ICP: The percent recoveries for selenium were below control limits (80-120%) on 07-16-04. The result for selenium in sample MW-8B should be considered an estimate (J).

Blanks: The analyses of initial and continuing calibration, and preparation blanks reported target metals as below the CRDLs, as required.

ICP Interference Check Sample: The percent recoveries for target metals were within control limits (80-120%).

Spike Sample Recovery: The percent recoveries for iron (46.8%) and silver (58.7%) were below control limits (75-125%) for spike sample MW-7S. The percent recoveries for iron (35.5%), lead (47.8%), selenium (21.2%), and silver (62.3%) was below control limits (75-125%) for the spike sample MW-8BS. Results for iron, lead, selenium, and silver should be considered estimates (J) in associated samples.

Duplicates: The relative percent differences for lead (109.5%) and selenium (200.0%) were above the allowable maximum (20%) for duplicate sample MW-8BD. Positive results for lead and selenium should be considered estimates (J) in associated samples.

Laboratory Control Sample: The percent recoveries for target metals were within control limits (80-120%) for LCSs.

Metals Data
STL Lab No. 237960

Standard Addition Results: No samples were quantitated by MSA in this data pack.

ICP Serial Dilution: The analyses of serial dilution samples MW-7L and MW-8BL were acceptable.

Instrument Detection Limits: The IDLs were at or below CRDLs, as required.



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**QA/QC Review of Cyanide Data for
STL Newburgh, STL Lab No: 237960**

**Ground Water Samples
Collected June 30 and July 1, 2004**

**Prepared by: Donald Anné
August 16, 2004**

Holding Times: The samples were analyzed within SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for cyanide were within control limits (85-115%).

Blanks: The analyses of initial and continuing calibration, and preparation blanks reported cyanide as not detected.

Spike Sample Recovery: The percent recoveries for cyanide were within control limits (75-125%) for spike samples ZZZZZS, MW-7S, and MW-8BS.

Duplicates: The analyses of duplicate sample pairs ZZZZZ/ZZZZD, MW-7/MW-7D, and MW-8B/MW-8D reported cyanide as not detected, and are acceptable.



QA/QC Review of Total Recoverable Phenolics
Data for STL Newburgh, STL Lab No: 237960

Ground Water Samples
Collected June 30 and July 1, 2004

Data Validation

Environmental Chemistry

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Sampling Plans

Prepared by: Donald Anné
August 16, 2004

Holding Times: The samples were analyzed within SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for total recoverable phenolics were within control limits (85-115%).

Blanks: The analyses of initial and continuing calibration, and method blanks reported total recoverable phenolics as not detected.

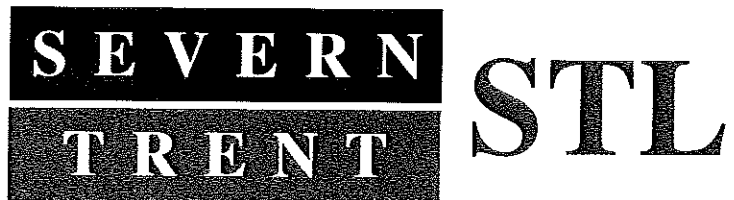
Spike Sample Recovery: The percent recoveries for total recoverable phenolics were within control limits (75-125%) for the spike samples MW-7 and MW-8B.

Duplicates: The analyses of duplicate samples reported total recoverable phenolics as not detected for both the sample and duplicate, and are acceptable.

Laboratory Control Sample: The percent recoveries for total recoverable phenolics were within control limits for the LCS.

ATTACHMENT 2

ANALYTICAL DATA SUMMARY PACKAGES



SAMPLE DATA SUMMARY PACKAGE

InteGreyted International, LLC

Syracuse, NY

Project: Cooper 0310025P

STL Lab. #: 237118

Matrix: Soil

1 of 2

SAMPLE INFORMATION
Date: 06/30/2004

Job Number.: 237118
Customer....: InteGreyted International, LLC
Attn.....: Mark Schumacher

Project Number.....: 20001335
Customer Project ID....: COOPER 0310025P
Project Description....: Cooper/C-H

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
237118-1	TP-5	Soil	06/08/2004	08:00	06/09/2004	15:40
237118-2	TP-4	Soil	06/08/2004	08:45	06/09/2004	15:40
237118-3	TP-19	Soil	06/08/2004	09:20	06/09/2004	15:40
237118-4	TP-12	Soil	06/08/2004	09:45	06/09/2004	15:40
237118-5	TP-17	Soil	06/08/2004	10:30	06/09/2004	15:40
237118-6	TP-18	Soil	06/08/2004	11:10	06/09/2004	15:40
237118-7	TP-16	Soil	06/08/2004	12:45	06/09/2004	15:40
237118-8	TP-13	Soil	06/08/2004	13:45	06/09/2004	15:40
237118-9	TP-14	Soil	06/08/2004	14:15	06/09/2004	15:40
237118-10	TP-15	Soil	06/08/2004	14:55	06/09/2004	15:40
237118-11	TP-2	Soil	06/07/2004	09:00	06/09/2004	15:40
237118-12	TP-1	Soil	06/07/2004	09:52	06/09/2004	15:40
237118-13	TP-8	Soil	06/07/2004	10:30	06/09/2004	15:40
237118-14	TP-7	Soil	06/07/2004	11:15	06/09/2004	15:40
237118-15	TP-6	Soil	06/07/2004	12:45	06/09/2004	15:40
237118-16	TP-9	Soil	06/07/2004	13:45	06/09/2004	15:40
237118-17	TP-11	Soil	06/07/2004	14:50	06/09/2004	15:40
237118-18	TP-10	Soil	06/07/2004	16:00	06/09/2004	15:40
237118-19	TP-10A	Soil	06/07/2004	16:00	06/09/2004	15:40
237118-20	TP-3	Soil	06/07/2004	16:35	06/09/2004	15:40
237118-21	TP-8-WC	Soil	06/07/2004	10:30	06/09/2004	15:40
237118-22	TP-7-WC	Soil	06/07/2004	11:15	06/09/2004	15:40
237118-23	TP-6-WC	Soil	06/07/2004	12:45	06/09/2004	15:40
237118-24	TP-9-WC	Soil	06/07/2004	13:45	06/09/2004	15:40
237118-25	TP-10-WC	Soil	06/07/2004	16:00	06/09/2004	15:40
237118-26	TP-5-WC	Soil	06/08/2004	08:00	06/09/2004	15:40

000006

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TRENT** **STL**

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

SAMPLE INFORMATION
Date:

Job Number.: 237118
Customer...: InteGreyted International, LLC
Attn.....: Mark Schumacher

Project Number.....: 20001335
Customer Project ID....: COOPER 0310025P
Project Description....: Cooper/C-H

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
237118-27	TP-17-WC	Soil	06/08/2004	10:30	06/09/2004	15:40
237118-28	TP-16-WC	Soil	06/08/2004	12:45	06/09/2004	15:40
237118-29	TP-13-WC	Soil	06/08/2004	13:45	06/09/2004	15:40
237118-30	TP-14-WC	Soil	06/08/2004	14:15	06/09/2004	15:40
						000007

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LABORATORY CHRONICLE

Job Number: 237118

Date: 06/30/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237118-1	Client ID: TP-5	Date Recvd: 06/09/2004	Sample Date: 06/08/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842			
SW846 3050B	Acid Digestion (GFAA) Solids	1	69746			06/10/2004 1145
SW846 3050B	Acid Digestion (ICP) Solids	1	69745			06/10/2004 1145
SW846 9010B	Cyanide, Total	1	70569			06/18/2004 0800
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70503			
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70505			
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70502			
SW846 7471A	Mercury (CVAA) Solids	1	70340	70339		06/15/2004 1215
SW846-7471	Mercury Soil Digestion	1	70339			06/14/2004 1230
SW846 6010B	Metals Analysis (ICAP)	1	70362	69745		06/17/2004 1658
SW846 6010B	Metals Analysis (ICAP)	1	70504	69745		06/18/2004 1620
SW846 8081A	Organochlorine Pesticide Analysis	1	70901			06/25/2004 0000
SW846 8082	PCB Analysis	1				
SW846 8082	PCB Analysis	2	70895			06/22/2004 0000 0.9855
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	70739			
QA Services	Quality Assurance Services	1	70788			06/25/2004 0000
SW846 7740	Selenium (GFAA)	1	70440	69746		06/17/2004 1436
SW846 8270C	Semivolatile Organics	1				
EPA 160.3	Solids, Total	1	69975			06/10/2004 0000
SW846 8260B	Volatile Organics	1	71017			06/18/2004 2016 1
SW846 8260B	Volatile Organics	2	71017			06/21/2004 1611

ID: 237118-2	Client ID: TP-4	Date Recvd: 06/09/2004	Sample Date: 06/08/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842			
SW846 3050B	Acid Digestion (GFAA) Solids	1	69746			06/10/2004 1145
SW846 3050B	Acid Digestion (ICP) Solids	1	69745			06/10/2004 1145
SW846 9010B	Cyanide, Total	1	70569			06/18/2004 0800
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70503			
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70505			
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70502			
SW846 7471A	Mercury (CVAA) Solids	1	70340	70339		06/15/2004 1221
SW846-7471	Mercury Soil Digestion	1	70339			06/14/2004 1230
SW846 6010B	Metals Analysis (ICAP)	1	70362	69745		06/17/2004 1720
SW846 6010B	Metals Analysis (ICAP)	1	70504	69745		06/18/2004 1642
SW846 8081A	Organochlorine Pesticide Analysis	1	70901			06/25/2004 0000
SW846 8082	PCB Analysis	1	70895			06/22/2004 0000 0.9829
SW846 8082	PCB Analysis	2	70896			06/25/2004 0000 10
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	70739			
QA Services	Quality Assurance Services	1	70788			
SW846 7740	Selenium (GFAA)	1	70445	69746		06/18/2004 1218
SW846 8270C	Semivolatile Organics	1				
EPA 160.3	Solids, Total	1	69975			06/10/2004 0000
SW846 8260B	Volatile Organics	1	71017			06/18/2004 2050 1
SW846 8260B	Volatile Organics	2	71017			06/21/2004 1749

Lab ID: 237118-3	Client ID: TP-19	Date Recvd: 06/09/2004	Sample Date: 06/08/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842			
SW846 3050B	Acid Digestion (GFAA) Solids	1	69746			06/10/2004 1145
SW846 3050B	Acid Digestion (ICP) Solids	1	69745			06/10/2004 1145
SW846 9010B	Cyanide, Total	1	70569			06/18/2004 0800
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70503			

000008

LABORATORY CHRONICLE

Job Number: 237118

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237118-3 Client ID: TP-19		Date Recvd: 06/09/2004		Sample Date: 06/08/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70505				
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70502				
SW846 7471A	Mercury (CVAA) Solids	1	70340	70339		06/15/2004	1223
SW846-7471	Mercury Soil Digestion	1	70339			06/14/2004	1230
SW846 6010B	Metals Analysis (ICAP)	1	70362	69745		06/17/2004	1724
SW846 6010B	Metals Analysis (ICAP)	1	70504	69745		06/18/2004	1647
SW846 8081A	Organochlorine Pesticide Analysis	1	70901			06/23/2004	0000
SW846 8082	PCB Analysis	1	70895			06/22/2004	0000
SW846 8082	PCB Analysis	2	70896			06/25/2004	0000
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	70739				
QA Services	Quality Assurance Services	1	70788				
QA Services	Quality Assurance Services	1	70445	69746		06/18/2004	1228
SW846 7740	Selenium (GFAA)	1					
SW846 8270C	Semivolatile Organics	1				06/10/2004	0000
EPA 160.3	Solids, Total	1	69975			06/18/2004	2124
SW846 8260B	Volatile Organics	1	71017				1

Lab ID: 237118-4 Client ID: TP-12		Date Recvd: 06/09/2004		Sample Date: 06/08/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842				
SW846 3050B	Acid Digestion (GFAA) Solids	1	69746			06/10/2004	1145
SW846 3050B	Acid Digestion (ICP) Solids	1	69745			06/10/2004	1145
SW846 9010B	Cyanide, Total	1	70569			06/18/2004	0800
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70503				
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70505				
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70502				
SW846 7471A	Mercury (CVAA) Solids	1	70340	70339		06/15/2004	1225
SW846-7471	Mercury Soil Digestion	1	70339			06/14/2004	1230
SW846 6010B	Metals Analysis (ICAP)	1	70362	69745		06/17/2004	1749
SW846 6010B	Metals Analysis (ICAP)	1	70504	69745		06/18/2004	1651
SW846 8081A	Organochlorine Pesticide Analysis	1	70901			06/23/2004	0000
SW846 8082	PCB Analysis	1	70895			06/22/2004	0000
SW846 8082	PCB Analysis	2	70896			06/25/2004	0000
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	70739				
QA Services	Quality Assurance Services	1	70788				
QA Services	Quality Assurance Services	1	70445	69746		06/18/2004	1238
SW846 7740	Selenium (GFAA)	1					
SW846 8270C	Semivolatile Organics	1				06/10/2004	0000
EPA 160.3	Solids, Total	1	69975			06/20/2004	2157
SW846 8260B	Volatile Organics	1	71017				1

Lab ID: 237118-5 Client ID: TP-17		Date Recvd: 06/09/2004		Sample Date: 06/08/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842				
SW846 3050B	Acid Digestion (GFAA) Solids	1	69746			06/10/2004	1145
SW846 3050B	Acid Digestion (ICP) Solids	1	69745			06/10/2004	1145
SW846 9010B	Cyanide, Total	1	70569			06/18/2004	0800
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70503				
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70505				
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70502				
SW846 7471A	Mercury (CVAA) Solids	1	70340	70339		06/15/2004	1227
SW846-7471	Mercury Soil Digestion	1	70339			06/14/2004	1230
SW846 6010B	Metals Analysis (ICAP)	1	70362	69745		06/17/2004	1753
SW846 6010B	Metals Analysis (ICAP)	1	70504	69745		06/18/2004	1656
SW846 8081A	Organochlorine Pesticide Analysis	1	70901			06/23/2004	0000

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LABORATORY CHRONICLE

Job Number: 237118

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237118-5	Client ID: TP-17	Date Recvd: 06/09/2004	Sample Date: 06/08/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
SW846 8082	PCB Analysis	1	70895			06/22/2004 0000
SW846 8082	PCB Analysis	2	70896			06/25/2004 0000
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	70739			
QA Services	Quality Assurance Services	1	70788			
SW846 7740	Selenium (GFAA)	1	70445	69746		06/18/2004 1248
SW846 8270C	Semivolatile Organics	1				
EPA 160.3	Solids, Total	1	69975			06/10/2004 0000
SW846 8260B	Volatile Organics	1	71017			06/20/2004 2232

DILUTION
0.9810
2

Lab ID: 237118-6	Client ID: TP-18	Date Recvd: 06/09/2004	Sample Date: 06/08/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842			
SW846 3050B	Acid Digestion (GFAA) Solids	1	69746			06/10/2004 1145
SW846 3050B	Acid Digestion (ICP) Solids	1	69745			06/10/2004 1145
SW846 9010B	Cyanide, Total	1	70569			06/18/2004 0800
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70503			
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70505			
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70502			
SW846 7471A	Mercury (CVAA) Solids	1	70340	70339		06/15/2004 1229
SW846-7471	Mercury Soil Digestion	1	70339			06/14/2004 1230
SW846 6010B	Metals Analysis (ICAP)	1	70362	69745		06/17/2004 1757
SW846 6010B	Metals Analysis (ICAP)	1	70504	69745		06/18/2004 1700
SW846 8081A	Organochlorine Pesticide Analysis	1	70901			06/25/2004 0000
SW846 8082	PCB Analysis	1	70895			06/22/2004 0000
SW846 8082	PCB Analysis	2	70896			06/25/2004 0000
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	70739			
QA Services	Quality Assurance Services	1	70788			
SW846 7740	Selenium (GFAA)	1	70445	69746		06/18/2004 1307
SW846 8270C	Semivolatile Organics	1				
EPA 160.3	Solids, Total	1	69975			06/10/2004 0000
SW846 8260B	Volatile Organics	1	71017			06/20/2004 2306

DILUTION
0.9946
10

Lab ID: 237118-7	Client ID: TP-16	Date Recvd: 06/09/2004	Sample Date: 06/08/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842			
SW846 3050B	Acid Digestion (GFAA) Solids	1	69746			06/10/2004 1145
SW846 3050B	Acid Digestion (ICP) Solids	1	69745			06/10/2004 1145
SW846 9010B	Cyanide, Total	1	70569			06/18/2004 0800
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70503			
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70505			
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70502			
SW846 7471A	Mercury (CVAA) Solids	1	70340	70339		06/15/2004 1309
SW846-7471	Mercury Soil Digestion	1	70339			06/14/2004 1230
SW846 6010B	Metals Analysis (ICAP)	1	70362	69745		06/17/2004 1801
SW846 6010B	Metals Analysis (ICAP)	1	70504	69745		06/18/2004 1721
SW846 8081A	Organochlorine Pesticide Analysis	1	70901			06/25/2004 0000
SW846 8082	PCB Analysis	1	70895			06/22/2004 0000
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	70739			
QA Services	Quality Assurance Services	1	70788			
SW846 7740	Selenium (GFAA)	1	70445	69746		06/18/2004 1317
SW846 8270C	Semivolatile Organics	1				
EPA 160.3	Solids, Total	1	69975			06/10/2004 0000

DILUTION
0.9943

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LABORATORY CHRONICLE

Job Number: 237118

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237118-7	Client ID: TP-16	Date Recvd: 06/09/2004	Sample Date: 06/08/2004
METHOD	DESCRIPTION	RUN# BATCH# PREP BT #(S)	DATE/TIME ANALYZED DILUTION
SW846 8260B	Volatile Organics	1 71017	06/21/2004 1653 1

Lab ID: 237118-8	Client ID: TP-13	Date Recvd: 06/09/2004	Sample Date: 06/08/2004
METHOD	DESCRIPTION	RUN# BATCH# PREP BT #(S)	DATE/TIME ANALYZED DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1 70842	
SW846 3050B	Acid Digestion (GFAA) Solids	1 69746	06/10/2004 1145
SW846 3050B	Acid Digestion (ICP) Solids	1 69745	06/10/2004 1145
SW846 9010B	Cyanide, Total	1 70569	06/18/2004 0800
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1 70503	
SW846 3550B	Extraction Ultrasonic (PCBs)	1 70505	
SW846 3550B	Extraction Ultrasonic (SVOC)	1 70502	
SW846 7471A	Mercury (CVAA) Solids	1 70340 70339	06/15/2004 1310
SW846-7471	Mercury Soil Digestion	1 70339	06/14/2004 1230
SW846 6010B	Metals Analysis (ICAP)	1 70362 69745	06/17/2004 1806
SW846 6010B	Metals Analysis (ICAP)	1 70504 69745	06/18/2004 1726
SW846 8081A	Organochlorine Pesticide Analysis	1 70901	06/25/2004 0000
SW846 8082	PCB Analysis	1 70895	06/22/2004 0000 0.9993
SW846 8082	PCB Analysis	2 70896	06/25/2004 0000 2
QA Services	Quality Assurance Services	1	
QA Services	Quality Assurance Services	1 70739	
QA Services	Quality Assurance Services	1 70788	
SW846 7740	Selenium (GFAA)	1 70445 69746	06/18/2004 1327
SW846 8270C	Semivolatile Organics	1	
EPA 160.3	Solids, Total	1 69975	06/10/2004 0000
SW846 8260B	Volatile Organics	1 71017	06/21/2004 0015 1

Lab ID: 237118-9	Client ID: TP-14	Date Recvd: 06/09/2004	Sample Date: 06/08/2004
METHOD	DESCRIPTION	RUN# BATCH# PREP BT #(S)	DATE/TIME ANALYZED DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1 70842	
SW846 3050B	Acid Digestion (GFAA) Solids	1 69746	06/10/2004 1145
SW846 3050B	Acid Digestion (ICP) Solids	1 69745	06/10/2004 1145
SW846 9010B	Cyanide, Total	1 70569	06/18/2004 0800
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1 70503	
SW846 3550B	Extraction Ultrasonic (PCBs)	1 70505	
SW846 3550B	Extraction Ultrasonic (SVOC)	1 70502	
SW846 7471A	Mercury (CVAA) Solids	1 70340 70339	06/15/2004 1312
SW846-7471	Mercury Soil Digestion	1 70339	06/14/2004 1230
SW846 6010B	Metals Analysis (ICAP)	1 70362 69745	06/17/2004 1810 2.000
SW846 6010B	Metals Analysis (ICAP)	1 70504 69745	06/18/2004 1730 2.000
SW846 8081A	Organochlorine Pesticide Analysis	1 70901	06/25/2004 0000
SW846 8082	PCB Analysis	1 70895	06/22/2004 0000 0.9910
SW846 8082	PCB Analysis	2 70896	06/25/2004 0000 10
QA Services	Quality Assurance Services	1	
QA Services	Quality Assurance Services	1 70739	
QA Services	Quality Assurance Services	1 70788	
SW846 7740	Selenium (GFAA)	1 70445 69746	06/18/2004 1337
SW846 8270C	Semivolatile Organics	1	
EPA 160.3	Solids, Total	1 69975	06/10/2004 0000
SW846 8260B	Volatile Organics	1 71017	06/21/2004 0049 1

Lab ID: 237118-10	Client ID: TP-15	Date Recvd: 06/09/2004	Sample Date: 06/08/2004
METHOD	DESCRIPTION	RUN# BATCH# PREP BT #(S)	DATE/TIME ANALYZED DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1 70842	
SW846 3050B	Acid Digestion (GFAA) Solids	1 69746	06/10/2004 1145
SW846 3050B	Acid Digestion (ICP) Solids	1 69745	06/10/2004 1145

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LABORATORY CHRONICLE

Job Number: 237118

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237118-10 Client ID: TP-15		Date Recvd: 06/09/2004		Sample Date: 06/08/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 9010B	Cyanide, Total	1	70797			06/21/2004 0750	
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70503				
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70505				
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70502				
SW846 7471A	Mercury (CVAA) Solids	1	70340	70339		06/15/2004 1315	
SW846-7471	Mercury Soil Digestion	1	70339			06/14/2004 1230	
SW846 6010B	Metals Analysis (ICAP)	1	70362	69745		06/17/2004 1814	
SW846 6010B	Metals Analysis (ICAP)	1	70504	69745		06/18/2004 1735	
SW846 8081A	Organochlorine Pesticide Analysis	1	70901			06/23/2004 0000	
SW846 8082	PCB Analysis	1	70895			06/22/2004 0000	0.9910
SW846 8082	PCB Analysis	2	70896			06/25/2004 0000	10
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	70739				
QA Services	Quality Assurance Services	1	70788				
SW846 7740	Selenium (GFAA)	1	70445	69746		06/18/2004 1356	
SW846 8270C	Semivolatile Organics	1					
EPA 160.3	Solids, Total	1	69975			06/10/2004 0000	
SW846 8260B	Volatile Organics	1	71017			06/20/2004 0055	1
SW846 8260B	Volatile Organics	2	71017			06/21/2004 0124	

Lab ID: 237118-11 Client ID: TP-2		Date Recvd: 06/09/2004		Sample Date: 06/07/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842				
SW846 3050B	Acid Digestion (GFAA) Solids	1	69746			06/10/2004 1145	
SW846 3050B	Acid Digestion (ICP) Solids	1	69745			06/10/2004 1145	
SW846 9010B	Cyanide, Total	1	70569			06/18/2004 0800	
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70503				
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70505				
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70502				
SW846 7471A	Mercury (CVAA) Solids	1	70340	70339		06/15/2004 1316	
SW846-7471	Mercury Soil Digestion	1	70339			06/14/2004 1230	
SW846 6010B	Metals Analysis (ICAP)	1	70362	69745		06/17/2004 1818	
SW846 6010B	Metals Analysis (ICAP)	1	70504	69745		06/18/2004 1739	
SW846 8081A	Organochlorine Pesticide Analysis	1	70901			06/25/2004 0000	
SW846 8082	PCB Analysis	1	70895			06/22/2004 0000	0.9708
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	70739				
QA Services	Quality Assurance Services	1	70788				
SW846 7740	Selenium (GFAA)	1	70445	69746		06/18/2004 1411	
SW846 8270C	Semivolatile Organics	1					
EPA 160.3	Solids, Total	1	69975			06/10/2004 0000	
SW846 8260B	Volatile Organics	1	71017			06/20/2004 0129	1

Lab ID: 237118-12 Client ID: TP-1		Date Recvd: 06/09/2004		Sample Date: 06/07/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842				
SW846 3050B	Acid Digestion (GFAA) Solids	1	69746			06/10/2004 1145	
SW846 3050B	Acid Digestion (ICP) Solids	1	69745			06/10/2004 1145	
SW846 9010B	Cyanide, Total	1	70797			06/21/2004 0750	
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70503				
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70505				
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70502				
SW846 7471A	Mercury (CVAA) Solids	1	70340	70339		06/15/2004 1318	
SW846-7471	Mercury Soil Digestion	1	70339			06/14/2004 1230	
SW846 6010B	Metals Analysis (ICAP)	1	70362	69745		06/17/2004 1823	

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LABORATORY CHRONICLE

Job Number: 237118

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237118-12 Client ID: TP-1		Date Recvd: 06/09/2004		Sample Date: 06/07/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION	
SW846 6010B	Metals Analysis (ICAP)	1	70504	69745	06/18/2004	1743	
SW846 8081A	Organochlorine Pesticide Analysis	1	70901		06/23/2004	0000	
SW846 8082	PCB Analysis	1	70895		06/22/2004	0000	0.9683
SW846 8082	PCB Analysis	2	70896		06/25/2004	0000	10
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	70739				
QA Services	Quality Assurance Services	1	70788				
SW846 7740	Selenium (GFAA)	1	70445	69746	06/18/2004	1420	
SW846 8270C	Semivolatile Organics	1					
EPA 160.3	Solids, Total	1	69975		06/10/2004	0000	
SW846 8260B	Volatile Organics	1	71017		06/21/2004	0158	1

Lab ID: 237118-13 Client ID: TP-8		Date Recvd: 06/09/2004		Sample Date: 06/07/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION	
SW846 5030 (5g	5030 Soil(5g)Prep	1	70842				
SW846 3050B	Acid Digestion (GFAA) Solids	1	69746		06/10/2004	1145	
SW846 3050B	Acid Digestion (ICP) Solids	1	69745		06/10/2004	1145	
SW846 9010B	Cyanide, Total	1	70797		06/21/2004	0750	
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70503				
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70505				
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70502				
SW846 7471A	Mercury (CVAA) Solids	1	70340	70339	06/15/2004	1320	
SW846-7471	Mercury Soil Digestion	1	70339		06/14/2004	1230	
SW846 6010B	Metals Analysis (ICAP)	1	70362	69745	06/17/2004	1827	2.000
SW846 6010B	Metals Analysis (ICAP)	1	70504	69745	06/18/2004	1747	2.000
SW846 8081A	Organochlorine Pesticide Analysis	1	70901		06/23/2004	0000	
SW846 8082	PCB Analysis	1	70895		06/22/2004	0000	0.9718
SW846 8082	PCB Analysis	2	70896		06/25/2004	0000	10
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	70739				
QA Services	Quality Assurance Services	1	70788				
SW846 7740	Selenium (GFAA)	1	70445	69746	06/18/2004	1440	
SW846 8270C	Semivolatile Organics	1					
EPA 160.3	Solids, Total	1	69975		06/10/2004	0000	
SW846 8260B	Volatile Organics	1	71017		06/21/2004	0231	1
SW846 8260B	Volatile Organics	2	71017		06/22/2004	2335	

Lab ID: 237118-14 Client ID: TP-7		Date Recvd: 06/09/2004		Sample Date: 06/07/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION	
SW846 5030 (5g	5030 Soil(5g)Prep	1	70842				
SW846 3050B	Acid Digestion (GFAA) Solids	1	69746		06/10/2004	1145	
SW846 3050B	Acid Digestion (ICP) Solids	1	69745		06/10/2004	1145	
SW846 9010B	Cyanide, Total	1	70797		06/21/2004	0750	
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70503				
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70505				
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70502				
SW846 7471A	Mercury (CVAA) Solids	1	70340	70339	06/15/2004	1322	
SW846-7471	Mercury Soil Digestion	1	70339		06/14/2004	1230	
SW846 6010B	Metals Analysis (ICAP)	1	70362	69745	06/17/2004	1852	
SW846 6010B	Metals Analysis (ICAP)	1	70504	69745	06/18/2004	1752	
SW846 8081A	Organochlorine Pesticide Analysis	1	70901		06/25/2004	0000	
SW846 8082	PCB Analysis	1	70895		06/22/2004	0000	0.9839
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	70739				
QA Services	Quality Assurance Services	1	70788				

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LABORATORY CHRONICLE

Job Number: 237118

Date: 06/30/2004

CUSTOMER: Integrated International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237118-14	Client ID: TP-7	Date Recvd: 06/09/2004	Sample Date: 06/07/2004		
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED DILUTION
SW846 7740	Selenium (GFAA)	1	70445	69746	06/18/2004 1450
SW846 8270C	Semivolatile Organics	1			
EPA 160.3	Solids, Total	1	69975		06/10/2004 0000
SW846 8260B	Volatile Organics	1	71017		06/20/2004 0310 1
SW846 8260B	Volatile Organics	2	71017		06/21/2004 0306

Lab ID: 237118-15	Client ID: TP-6	Date Recvd: 06/09/2004	Sample Date: 06/07/2004		
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842		
SW846 3050B	Acid Digestion (GFAA) Solids	1	69746		06/10/2004 1145
SW846 3050B	Acid Digestion (ICP) Solids	1	69745		06/10/2004 1145
SW846 9010B	Cyanide, Total	1	70797		06/21/2004 0750
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70503		
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70505		
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70502		
SW846 7471A	Mercury (CVAA) Solids	1	70340	70339	06/15/2004 1324
SW846-7471	Mercury Soil Digestion	1	70339		06/14/2004 1230
SW846 6010B	Metals Analysis (ICAP)	1	70362	69745	06/17/2004 1856
SW846 6010B	Metals Analysis (ICAP)	1	70504	69745	06/18/2004 1756
SW846 8081A	Organochlorine Pesticide Analysis	1	70901		06/23/2004 0000
SW846 8082	PCB Analysis	1	70895		06/22/2004 0000 0.9759
QA Services	Quality Assurance Services	1			
A Services	Quality Assurance Services	1	70739		
A Services	Quality Assurance Services	1	70788		
SW846 7740	Selenium (GFAA)	1	70445	69746	06/18/2004 1459
SW846 8270C	Semivolatile Organics	1			
EPA 160.3	Solids, Total	1	69975		06/10/2004 0000
SW846 8260B	Volatile Organics	1	71017		06/20/2004 0452 1
SW846 8260B	Volatile Organics	2	71017		06/21/2004 0340

Lab ID: 237118-16	Client ID: TP-9	Date Recvd: 06/09/2004	Sample Date: 06/07/2004		
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842		
SW846 3050B	Acid Digestion (GFAA) Solids	1	69746		06/10/2004 1145
SW846 3050B	Acid Digestion (ICP) Solids	1	69745		06/10/2004 1145
SW846 9010B	Cyanide, Total	1	70797		06/21/2004 0750
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70503		
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70505		
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70502		
SW846 7471A	Mercury (CVAA) Solids	1	70340	70339	06/15/2004 1335
SW846-7471	Mercury Soil Digestion	1	70339		06/14/2004 1230
SW846 6010B	Metals Analysis (ICAP)	1	70362	69745	06/17/2004 1901
SW846 6010B	Metals Analysis (ICAP)	1	70504	69745	06/18/2004 1801
SW846 8081A	Organochlorine Pesticide Analysis	1	70901		06/25/2004 0000
SW846 8082	PCB Analysis	1	70895		06/22/2004 0000 0.9721
QA Services	Quality Assurance Services	1			
QA Services	Quality Assurance Services	1	70739		
QA Services	Quality Assurance Services	1	70788		
SW846 7740	Selenium (GFAA)	1	70445	69746	06/18/2004 1509
SW846 8270C	Semivolatile Organics	1			
EPA 160.3	Solids, Total	1	69975		06/10/2004 0000
SW846 8260B	Volatile Organics	1	71017		06/20/2004 0600 1
SW846 8260B	Volatile Organics	2	71017		06/21/2004 0414

Lab ID: 237118-17	Client ID: TP-11	Date Recvd: 06/09/2004	Sample Date: 06/07/2004		
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842		

LABORATORY CHRONICLE

Job Number: 237118

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237118-17 Client ID: TP-11		Date Recvd: 06/09/2004		Sample Date: 06/07/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 3050B	Acid Digestion (GFAA) Solids	1	69746			06/10/2004 1145	
SW846 3050B	Acid Digestion (ICP) Solids	1	69745			06/10/2004 1145	
SW846 9010B	Cyanide, Total	1	70797			06/21/2004 0750	
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70503				
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70505				
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70502				
SW846 7471A	Mercury (CVAA) Solids	1	70340	70339		06/15/2004 1337	
SW846-7471	Mercury Soil Digestion	1	70339			06/14/2004 1230	
SW846 6010B	Metals Analysis (ICAP)	1	70362	69745		06/17/2004 1905	
SW846 6010B	Metals Analysis (ICAP)	1	70504	69745		06/18/2004 1822	
SW846 8081A	Organochlorine Pesticide Analysis	1	70901			06/23/2004 0000	
SW846 8082	PCB Analysis	1	70895			06/22/2004 0000	0.9807
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	70739				
QA Services	Quality Assurance Services	1	70788				
SW846 7740	Selenium (GFAA)	1	70445	69746		06/18/2004 1529	
SW846 8270C	Semivolatile Organics	1					
EPA 160.3	Solids, Total	1	69975			06/10/2004 0000	
SW846 8260B	Volatile Organics	1	71017			06/21/2004 1749	1

Lab ID: 237118-18 Client ID: TP-10		Date Recvd: 06/09/2004		Sample Date: 06/07/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842				
SW846 3050B	Acid Digestion (GFAA) Solids	1	69746			06/10/2004 1145	
SW846 3050B	Acid Digestion (ICP) Solids	1	69745			06/10/2004 1145	
SW846 9010B	Cyanide, Total	1	70797			06/21/2004 0750	
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70503				
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70505				
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70502				
SW846 7471A	Mercury (CVAA) Solids	1	70340	70339		06/15/2004 1339	
SW846-7471	Mercury Soil Digestion	1	70339			06/14/2004 1230	
SW846 6010B	Metals Analysis (ICAP)	1	70362	69745		06/17/2004 1909	
SW846 6010B	Metals Analysis (ICAP)	1	70504	69745		06/18/2004 1827	
SW846 8081A	Organochlorine Pesticide Analysis	1	70901			06/23/2004 0000	
SW846 8082	PCB Analysis	1	70895			06/22/2004 0000	0.9990
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	70739				
QA Services	Quality Assurance Services	1	70788				
SW846 7740	Selenium (GFAA)	1	70445	69746		06/18/2004 1539	
SW846 8270C	Semivolatile Organics	1					
EPA 160.3	Solids, Total	1	69975			06/10/2004 0000	
SW846 8260B	Volatile Organics	1	71017			06/21/2004 1823	1

Lab ID: 237118-19 Client ID: TP-10A		Date Recvd: 06/09/2004		Sample Date: 06/07/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842				
SW846 3050B	Acid Digestion (GFAA) Solids	1	69746			06/10/2004 1145	
SW846 3050B	Acid Digestion (ICP) Solids	1	69745			06/10/2004 1145	
SW846 9010B	Cyanide, Total	1	70569			06/18/2004 0800	
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70503				
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70505				
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70502				
SW846 7471A	Mercury (CVAA) Solids	1	70340	70339		06/15/2004 1341	
SW846-7471	Mercury Soil Digestion	1	70339			06/14/2004 1230	
SW846 6010B	Metals Analysis (ICAP)	1	70362	69745		06/17/2004 1913	

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LABORATORY CHRONICLE

Job Number: 237118

Date: 06/30/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 0310D25P

ATTN: Mark Schumacher

Lab ID: 237118-19 Client ID: TP-10A		Date Recvd: 06/09/2004 Sample Date: 06/07/2004				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION
SW846 6010B	Metals Analysis (ICAP)	1	70504	69745	06/18/2004 1831	
SW846 8081A	Organochlorine Pesticide Analysis	1	70901		06/25/2004 0000	
SW846 8082	PCB Analysis	1	70895		06/22/2004 0000	0.9845
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	70739			
QA Services	Quality Assurance Services	1	70788			
SW846 7740	Selenium (GFAA)	1	70445	69746	06/18/2004 1549	
SW846 8270C	Semivolatile Organics	1				
EPA 160.3	Solids, Total	1	69975		06/10/2004 0000	
SW846 8260B	Volatile Organics	1	71017		06/20/2004 2047	1

Lab ID: 237118-20 Client ID: TP-3		Date Recvd: 06/09/2004 Sample Date: 06/07/2004				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842			
SW846 3050B	Acid Digestion (GFAA) Solids	1	69746		06/10/2004 1145	
SW846 3050B	Acid Digestion (ICP) Solids	1	69745		06/10/2004 1145	
SW846 9010B	Cyanide, Total	1	70797		06/21/2004 0750	
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70503			
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70505			
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70502			
SW846 7471A	Mercury (CVAA) Solids	1	70340	70339	06/15/2004 1343	
SW846-7471	Mercury Soil Digestion	1	70339		06/14/2004 1230	
SW846 6010B	Metals Analysis (ICAP)	1	70362	69745	06/17/2004 1918	
SW846 6010B	Metals Analysis (ICAP)	1	70504	69745	06/18/2004 1836	
SW846 8081A	Organochlorine Pesticide Analysis	1	70901		06/23/2004 0000	
SW846 8082	PCB Analysis	1	70895		06/22/2004 0000	0.9752
SW846 8082	PCB Analysis	2	70896		06/25/2004 0000	10
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	70739			
QA Services	Quality Assurance Services	1	70788			
SW846 7740	Selenium (GFAA)	1	70445	69746	06/18/2004 1559	
SW846 8270C	Semivolatile Organics	1				
EPA 160.3	Solids, Total	1	69975		06/10/2004 0000	
SW846 8260B	Volatile Organics	1	71017		06/20/2004 2121	1

Lab ID: 237118-21 Client ID: TP-8-WC		Date Recvd: 06/09/2004 Sample Date: 06/07/2004				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION
EPA 200.7	Acid Digestion, Total Recoverable (ICAP)	1	69816		06/14/2004 1630	
SW846 8151A	Herbicides	1	71059		06/29/2004 0000	
SW846 1010	Ignitability (Pensky-Martens Closed-Cup)	1	70316		06/17/2004 1648	
SW846 7470A	Mercury (CVAA) Liquid Waste	1	70397		06/17/2004 1008	
SW846 6010B	Metals Analysis (ICAP)	1	70423	69816	06/18/2004 1937	2.000
SW846 8081A	Organochlorine Pesticide Analysis	1	70553		06/17/2004 0000	2.127
CH 7.3.2	Reactivity CH 7.3.2	1	71060		06/29/2004 0000	
SW846 8270C	Semivolatile Organics	1	70806		06/16/2004 0000	2.127
SW846 1311	TCLP Extraction BN/Acids	1	70021			
SW846 1311	TCLP Extraction Metals	1	69738		06/10/2004 1450	
SW846 1311	TCLP Extraction Pesticides	1	70022			
SW846 1311	TCLP Zero Headspace Extraction	1	70541		06/21/2004 1200	
SW846 8260B	Volatile Organics	1				
SW846 9045C	pH (Soil)	1	69847		06/10/2004 1355	

Lab ID: 237118-22 Client ID: TP-7-WC		Date Recvd: 06/09/2004 Sample Date: 06/07/2004				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION
EPA 200.7	Acid Digestion, Total Recoverable (ICAP)	1	69816		06/14/2004 1630	

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LABORATORY CHRONICLE

Job Number: 237118

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237118-22 Client ID: TP-7-WC

Date Recvd: 06/09/2004 Sample Date: 06/07/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 8151A	Herbicides	1	71059			06/29/2004 0000	
SW846 1010	Ignitability (Pensky-Martens Closed-Cup)	1	70400			06/18/2004 1539	
SW846 7470A	Mercury (CVAA) Liquid Waste	1	70397			06/17/2004 1014	
SW846 6010B	Metals Analysis (ICAP)	1	70423	69816		06/18/2004 2015	2.000
SW846 8081A	Organochlorine Pesticide Analysis	1	70553			06/17/2004 0000	2.127
CH 7.3.2	Reactivity CH 7.3.2	1	71060			06/29/2004 0000	
SW846 8270C	Semivolatile Organics	1	70806			06/16/2004 0000	2.127
SW846 1311	TCLP Extraction BN/Acids	1	70021				
SW846 1311	TCLP Extraction Metals	1	69738			06/10/2004 1450	
SW846 1311	TCLP Extraction Pesticides	1	70022				
SW846 1311	TCLP Zero Headspace Extraction	1	70541			06/21/2004 1200	
SW846 8260B	Volatile Organics	1					
SW846 9045C	pH (Soil)	1	69847			06/10/2004 1358	

Lab ID: 237118-23 Client ID: TP-6-WC

Date Recvd: 06/09/2004 Sample Date: 06/07/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
EPA 200.7	Acid Digestion, Total Recoverable (ICAP)	1	69816			06/14/2004 1630	
SW846 8151A	Herbicides	1	71059			06/29/2004 0000	
SW846 1010	Ignitability (Pensky-Martens Closed-Cup)	1	70606			06/22/2004 0000	
SW846 7470A	Mercury (CVAA) Liquid Waste	1	70397			06/17/2004 1021	
SW846 6010B	Metals Analysis (ICAP)	1	70423	69816		06/18/2004 2020	2.000
SW846 8081A	Organochlorine Pesticide Analysis	1	70553			06/17/2004 0000	2.127
CH 7.3.2	Reactivity CH 7.3.2	1	71060			06/29/2004 0000	
SW846 8270C	Semivolatile Organics	1	70806			06/18/2004 0000	2.127
SW846 1311	TCLP Extraction BN/Acids	1	70021				
SW846 1311	TCLP Extraction Metals	1	69738			06/10/2004 1450	
SW846 1311	TCLP Extraction Pesticides	1	70022				
SW846 1311	TCLP Zero Headspace Extraction	1	70541			06/21/2004 1200	
SW846 8260B	Volatile Organics	1					
SW846 9045C	pH (Soil)	1	69847			06/10/2004 1402	

Lab ID: 237118-24 Client ID: TP-9-WC

Date Recvd: 06/09/2004 Sample Date: 06/07/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
EPA 200.7	Acid Digestion, Total Recoverable (ICAP)	1	69816			06/14/2004 1630	
SW846 8151A	Herbicides	1	71059			06/29/2004 0000	
SW846 1010	Ignitability (Pensky-Martens Closed-Cup)	1	70755			06/24/2004 0000	
SW846 7470A	Mercury (CVAA) Liquid Waste	1	70397			06/17/2004 1023	
SW846 6010B	Metals Analysis (ICAP)	1	70423	69816		06/18/2004 2024	2.000
SW846 8081A	Organochlorine Pesticide Analysis	1	70553			06/17/2004 0000	2.127
CH 7.3.2	Reactivity CH 7.3.2	1	71060			06/29/2004 0000	
SW846 8270C	Semivolatile Organics	1	70806			06/16/2004 0000	2.127
SW846 1311	TCLP Extraction BN/Acids	1	70021				
SW846 1311	TCLP Extraction Metals	1	69738			06/10/2004 1450	
SW846 1311	TCLP Extraction Pesticides	1	70022				
SW846 1311	TCLP Zero Headspace Extraction	1	70541			06/21/2004 1200	
SW846 8260B	Volatile Organics	1					
SW846 9045C	pH (Soil)	1	69847			06/10/2004 1406	

Lab ID: 237118-25 Client ID: TP-10-WC

Date Recvd: 06/09/2004 Sample Date: 06/07/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
EPA 200.7	Acid Digestion, Total Recoverable (ICAP)	1	69816			06/14/2004 1630	
SW846 8151A	Herbicides	1	71059			06/29/2004 0000	
SW846 1010	Ignitability (Pensky-Martens Closed-Cup)	1	70755			06/24/2004 0000	
SW846 7470A	Mercury (CVAA) Liquid Waste	1	70397			06/17/2004 1025	
SW846 6010B	Metals Analysis (ICAP)	1	70423	69816		06/18/2004 2029	2.000

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LABORATORY CHRONICLE

Job Number: 237118

Date: 06/30/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237118-25 Client ID: TP-10-WC		Date Recvd: 06/09/2004		Sample Date: 06/07/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #	DATE/TIME ANALYZED	DILUTION	
SWB46 8081A	Organochlorine Pesticide Analysis	1	70553		06/17/2004 0000	2.127	
CH 7.3.2	Reactivity CH 7.3.2	1	71060		06/29/2004 0000		
SWB46 8270C	Semivolatile Organics	1	70806		06/17/2004 0000	2.127	
SWB46 1311	TCLP Extraction BN/Acids	1	70021				
SWB46 1311	TCLP Extraction Metals	1	69738		06/10/2004 1450		
SWB46 1311	TCLP Extraction Pesticides	1	70022				
SWB46 1311	TCLP Zero Headspace Extraction	1	70541		06/21/2004 1200		
SWB46 8260B	Volatile Organics	1					
SWB46 9045C	pH (Soil)	1	69847		06/10/2004 1409		

Lab ID: 237118-26 Client ID: TP-5-WC		Date Recvd: 06/09/2004		Sample Date: 06/08/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #	DATE/TIME ANALYZED	DILUTION	
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	69816		06/14/2004 1630		
SWB46 8151A	Herbicides	1	71059		06/29/2004 0000		
SWB46 1010	Ignitability (Pensky-Martens Closed-Cup)	1	70854		06/27/2004 1524		
SWB46 7470A	Mercury (CVAA) Liquid Waste	1	70397		06/17/2004 1027		
SWB46 6010B	Metals Analysis (ICAP)	1	70423	69816	06/18/2004 2033	2.000	
SWB46 8081A	Organochlorine Pesticide Analysis	1	70553		06/17/2004 0000	2.127	
CH 7.3.2	Reactivity CH 7.3.2	1	71060		06/29/2004 0000		
SWB46 8270C	Semivolatile Organics	1	70806		06/17/2004 0000	2.127	
SWB46 1311	TCLP Extraction BN/Acids	1	70125				
SWB46 1311	TCLP Extraction Metals	1	69738		06/10/2004 1450		
SWB46 1311	TCLP Extraction Pesticides	1	70022				
SWB46 1311	TCLP Zero Headspace Extraction	1	70541		06/21/2004 1200		
SWB46 8260B	Volatile Organics	1					
SWB46 9045C	pH (Soil)	1	69847		06/10/2004 1413		

Lab ID: 237118-27 Client ID: TP-17-WC		Date Recvd: 06/09/2004		Sample Date: 06/08/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #	DATE/TIME ANALYZED	DILUTION	
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	69816		06/14/2004 1630		
SWB46 8151A	Herbicides	1	71059		06/29/2004 0000		
SWB46 1010	Ignitability (Pensky-Martens Closed-Cup)	1	70854		06/27/2004 1524		
SWB46 7470A	Mercury (CVAA) Liquid Waste	1	70397		06/17/2004 1029		
SWB46 6010B	Metals Analysis (ICAP)	1	70423	69816	06/18/2004 2037	2.000	
SWB46 8081A	Organochlorine Pesticide Analysis	1	70553		06/17/2004 0000	2.127	
CH 7.3.2	Reactivity CH 7.3.2	1	71060		06/29/2004 0000		
SWB46 8270C	Semivolatile Organics	1	70806		06/17/2004 0000	2.127	
SWB46 1311	TCLP Extraction BN/Acids	1	70125				
SWB46 1311	TCLP Extraction Metals	1	69738		06/10/2004 1450		
SWB46 1311	TCLP Extraction Pesticides	1	70022				
SWB46 1311	TCLP Zero Headspace Extraction	1	70541		06/21/2004 1200		
SWB46 8260B	Volatile Organics	1					
SWB46 9045C	pH (Soil)	1	69847		06/10/2004 1416		

Lab ID: 237118-28 Client ID: TP-16-WC		Date Recvd: 06/09/2004		Sample Date: 06/08/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #	DATE/TIME ANALYZED	DILUTION	
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	69816		06/14/2004 1630		
SWB46 8151A	Herbicides	1	71059		06/29/2004 0000		
SWB46 1010	Ignitability (Pensky-Martens Closed-Cup)	1	70959		06/29/2004 1409		
SWB46 7470A	Mercury (CVAA) Liquid Waste	1	70397		06/17/2004 1031		
SWB46 6010B	Metals Analysis (ICAP)	1	70423	69816	06/18/2004 2042	2.000	
SWB46 8081A	Organochlorine Pesticide Analysis	1	70553		06/17/2004 0000	2.127	
CH 7.3.2	Reactivity CH 7.3.2	1	71060		06/29/2004 0000		
SWB46 8270C	Semivolatile Organics	1	70806		06/17/2004 0000	2.127	
SWB46 1311	TCLP Extraction BN/Acids	1	70125				

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LABORATORY CHRONICLE

Job Number: 237118

Date: 06/30/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER D310025P

ATTN: Mark Schumacher

Lab ID: 237118-28 Client ID: TP-16-WC

Date Recvd: 06/09/2004 Sample Date: 06/08/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 1311	TCLP Extraction Metals	1	69738			06/10/2004 1450	
SW846 1311	TCLP Extraction Pesticides	1	70022				
SW846 1311	TCLP Zero Headspace Extraction	1	70541			06/21/2004 1200	
SW846 8260B	Volatile Organics	1					
SW846 9045C	pH (Soil)	1	69847			06/10/2004 1420	

Lab ID: 237118-29 Client ID: TP-13-WC

Date Recvd: 06/09/2004 Sample Date: 06/08/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
EPA 200.7	Acid Digestion, Total Recoverable (ICAP)	1	69816			06/14/2004 1630	
SW846 8151A	Herbicides	1	71059			06/29/2004 0000	
SW846 1010	Ignitability (Pensky-Martens Closed-Cup)	1	71080			06/30/2004 1336	
SW846 7470A	Mercury (CVAA) Liquid Waste	1	70397			06/17/2004 1033	
SW846 6010B	Metals Analysis (ICAP)	1	70423	69816		06/18/2004 2046	2.000
SW846 8081A	Organochlorine Pesticide Analysis	1	70553			06/17/2004 0000	2.127
CH 7.3.2	Reactivity CH 7.3.2	1	71060			06/29/2004 0000	
SW846 8270C	Semivolatile Organics	1	70806			06/17/2004 0000	2.127
SW846 1311	TCLP Extraction BN/Acids	1	70125				
SW846 1311	TCLP Extraction Metals	1	69738			06/10/2004 1450	
SW846 1311	TCLP Extraction Pesticides	1	70022				
SW846 1311	TCLP Zero Headspace Extraction	1	70541			06/21/2004 1200	
SW846 8260B	Volatile Organics	1					
SW846 9045C	pH (Soil)	1	69847			06/10/2004 1423	

Lab ID: 237118-30 Client ID: TP-14-WC

Date Recvd: 06/09/2004 Sample Date: 06/08/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
EPA 200.7	Acid Digestion, Total Recoverable (ICAP)	1	69816			06/14/2004 1630	
SW846 8151A	Herbicides	1	71059			06/29/2004 0000	
SW846 1010	Ignitability (Pensky-Martens Closed-Cup)	1	71080			06/30/2004 1336	
SW846 7470A	Mercury (CVAA) Liquid Waste	1	70397			06/17/2004 1035	
SW846 6010B	Metals Analysis (ICAP)	1	70423	69816		06/18/2004 2051	2.000
SW846 8081A	Organochlorine Pesticide Analysis	1	70553			06/17/2004 0000	2.127
CH 7.3.2	Reactivity CH 7.3.2	1	71060			06/29/2004 0000	
SW846 8270C	Semivolatile Organics	1	70806			06/17/2004 0000	2.127
SW846 1311	TCLP Extraction BN/Acids	1	70125				
SW846 1311	TCLP Extraction Metals	1	69738			06/10/2004 1450	
SW846 1311	TCLP Extraction Pesticides	1	70022				
SW846 1311	TCLP Zero Headspace Extraction	1	70541			06/21/2004 1200	
SW846 8260B	Volatile Organics	1					
SW846 9045C	pH (Soil)	1	69847			06/10/2004 1427	

000019

THE ANALYTICAL METHODS MAY UTILIZE ONE OR MORE OF THE FOLLOWING
REFERENCES:

"Methods for Chemical Analysis of Water and Wastewater",
EPA-600/4-79-020, March 1983.

"Test Methods for Evaluating Solid Waste", USEPA-SW846, Third
Edition, September 1986 with all current revisions.

Federal Register, V.50 No.3, January 4, 1985.

Federal Register, V.49, No. 209, October 26, 1984.

"Methods for the Determination of Organic Compounds in Drinking Water
EPA/600/4-88/039, December 1988.

Volatile Organic Compounds in Water by Purge and Trap Capillary
Column Gas Chromatography With Photoionization and Electrolytic
Conductivity Detectors in Series, EMSL, Cincinnati, Ohio, 45268,
Revision 2.0(1989).

EPA Method for the Determination of Gasoline Range Organics, Draft,
REV. 5, 2/5/92.

"New York State Department of Environmental Conservation Analytical
Services Protocol, Vol. 1 , October 1995.

USEPA CLP SOW for Organics Analysis Low Concentration Water

USEPA CLP SOW for Organics Analysis Multi-Media, Multi-Concentration

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THE ANALYTICAL METHODS MAY UTILIZE ONE OR MORE OF THE FOLLOWING
REFERENCES:

"Methods for Chemical Analysis of Water and Wastewater",
EPA-600/4-79-020, March 1983.

"Test Methods for Evaluating Solid Waste", USEPA-SW846, Third
Edition, September 1986 with all current revisions.

Federal Register, V. 50 No. 3, January 4, 1985.

"Methods for the Determination of Organic Compounds in Drinking
Water, EPA/600/4-88/039, December 1988.

EPA Method for the Determination of Diesel Range Organics, Draft,
Rev. 5, 2/5/92.

"New York State Department of Environmental Conservation Analytical
Services Proticol, Vol. 1, October 1995.

"Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) Using
Methylene Chloride Gas Chromatograph/Flame Ionization
Detection", Environmental Research Institute, University of
Connecticut, March 1999.

"Analytical Handbook for the Laboratory of Organic Analytical
Chemistry", Wadsworth Center for Laboratories and Research, New
York State Department of Health, August 1991.

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THE ANALYTICAL METHODS MAY UTILIZE ONE OR MORE OF THE FOLLOWING
REFERENCES:

"Methods for Chemical Analysis of Water and Wastewater",
EPA-600/4-79-020, March 1983.

"Test Methods for Evaluating Solid Waste", USEPA-SW846, Third
Edition, September 1986 with all current revisions.

Federal Register, V.49, No.209, October 26, 1984.

"Methods for the Determination of Organic Compounds in Drinking
Water, EPA/600/4-88/039, December 1988.

"New York State Department of Environmental Conservation Analytical
Services Protocol, Vol. 1, October 1995.

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THE ANALYTICAL METHODS MAY UTILIZE ONE OR MORE OF THE FOLLOWING
REFERENCES:

"Methods for Chemical Analysis of Water and Wastewater",
EPA-600/4-79-020, March 1983

"Standard Methods for the Examination of Water and Wastewater", 18th
Edition, 1992

Atomic Absorption - Furnace Technique

"Test Methods for Evaluating Solid Waste", USEPA-SW846, Third Edition,
September 1986 with all current revisions.

"Standard Methods for the Examination of Water and Wastewater",
17th Edition, 1989.

HACH8000 1979 Handbook

"New York State Department of Environmental Conservation Analytical
Services Protocol, Vol.2, October 1995.

"Determination of Cyanide" (Macro Distillation Method in Waters),
QUIK CHEM Method 10-204-00-1-A, Karin Wendt, Revised June 6,
1996, Lachat Instruments, Milwaukee, Wi. 53218

"Determination of Nitrate/Nitrite in Surface and Wastewaters by Flow
Injection Analysis", QUICK CHEM Method 10-107041A, Karin Wendt,
Revised June 24, 1997, Zellweger Analytics, Milwaukee, Wi. 53218

"Determination of Total Recoverable Phenols by Flow Injection
Analysis Colorimetry", QUIK CHEM Method 10-210-00-1-A, Ninglan
Liao, Revised August 6, 1996, Lachat Instruments, Milwaukee, Wi.
53218.

"Determination of Nitrogen, Total Kjeldahl by Flow Injection Analysis
Colorimetry" QUIK CHEM Method 10-107-06-2-D, Kevin Switala,
Revised October 7, 1997, Lachat Instruments, Milwaukee, Wi 53218.

Enterolert - (Idexx)

"American Society for Testing and Materials."

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CASE NARRATIVE

Client: Integreyted

Date: 06/29/04

STL Lab No.: 237118

Page 1 of 4

Volatiles

Sample Dilution

Several samples were initially diluted at the indicated amount due to suspected high concentrations of method analytes.

Several samples were diluted and re-analyzed due to compounds that exceed the linear calibration range in the initial analysis. Sample TP-4DL (237118-002DL) was re-analyzed via methanol dilution due to compounds that exceed the linear calibration range in the initial analysis.

Matrix Spike/Matrix Spike Duplicate

The percent recovery for several compounds in client ID TP-5 falls outside the acceptable limits. It is important to note, however, that the recovery in the associated matrix spike blank is acceptable.

Internal Standards

Several samples contain internal standard area counts outside the acceptable limits. As per the protocol, the samples were either re-analyzed or analyzed as a dilution.

Semi-Volatiles

Surrogate Recovery

Samples TP-15 and TP-10 were re-extracted due to surrogate recovery in the initial analysis that is below the established control limits. The re-extraction was performed one day outside the 14 day holding time.

Method Blanks

The surrogate spiking solution was inadvertently omitted from sample number SBLK24 during sample prep.

Sample Dilution

Several samples were diluted and re-analyzed due to initial sample results that exceed the linear calibration range.

CASE NARRATIVE

Client: Integreyted

Date: 06/29/04

STL Lab No.: 237118

Page 2 of 4

Internal Standards

Due to matrix interferences, several samples contain internal standard area counts that exceed the control limits. These samples were re-injected as per the protocol.

Tentatively Identified Compounds

The parameter carbazole is contained in the standard mixture that was used to prepare the initial calibration. Although carbazole is not a method parameter it was positively identified and quantified in several samples. Therefore, carbazole has been reported as a TIC parameter without the "J" qualifier indicating a true calculated result. It is important to note, the parameter must have an area count response that is greater than ten percent of the nearest internal standard in order to be reported as a TIC parameter.

Calibration

All calibrations verifications are within the NYSDEC ASP calibration criteria.

Pesticides/PCB's

8081

Surrogate Recovery

Several samples contain surrogate recovery that is outside of the advisory control limits on both analytical columns.

Matrix Spike/Matrix Spike Duplicate

The percent recovery of some compounds in TP-5MS/MSD (237118-01MS/MSD) is outside of the acceptable control limits. However, please note the associated blank spike contains acceptable recoveries.

Continuing Calibration

The percent RPD of several compounds in some continuing calibration standards are outside of the acceptable control limits.

8082

Surrogate Recovery

Several samples contain surrogate recovery that is outside of the advisory control limits on both analytical columns.

000003

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CASE NARRATIVE

Client: Integretyed

Date: 06/29/04

STL Lab No.: 237118

Page 3 of 4

Sample Dilutions

The following samples were diluted as indicated due to target compounds that exceed the linear calibration range:

TP-5DL(237118-01DL): 20x
TP-4DL(237118-02DL): 10x
TP-19DL(237118-03DL): 2x
TP-12DL(237118-04DL): 2x
TP-17DL(237118-05DL): 2x
TP-18DL(237118-06DL): 10x
TP-13DL(237118-08DL): 2x
TP-14DL(237118-09DL): 10x
TP-15DL(237118-10DL): 10x
TP-1DL(237118-12DL): 10x
TP-8DL(237118-13DL): 10x
TP-10A(237118-19DL): 10x
TP-3DL(237118-20DL): 10x

Blank Spike

The percent recovery of aroclor 1242 in PBSPK16 is outside of the acceptable control limits.

Matrix Spike/Matrix Spike Duplicate

The percent recovery of aroclor 1242 in TP-5MS is outside of the acceptable control limits.

Continuing Calibration

The percent RPD of some peaks in the continuing calibration standards are outside of the acceptable control limits.

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CASE NARRATIVE

Client: Integretyed

Date: 06/29/04

STL Lab No.: 237118

Page 4 of 4

Inorganics

ICP

Matrix Spike/Duplicate

The percent spike recovery of copper, silver and zinc in spike sample number TP-5MS (237118-01MS) is outside of the established control limits. The data is qualified accordingly.

The duplicate percent RPD of chromium and iron in duplicate sample number TP-5MD (237118-01MD) is outside of the established control limits. The data is qualified accordingly.

Serial Dilution

The percent difference of lead in serial dilution sample number TP-5L (237118-01L) falls outside the control limit of 10%. As a result a chemical or physical interference may be suspected and the associated data is qualified with an "E".

Wet Chemistry

Cyanide

Matrix Spike/Duplicate

The percent spike recovery of cyanide in spike sample number TP-6MS (237118-15MS) is outside of the established control limits. The associated data is qualified accordingly.

Subcontract

The reactivity and herbicide analysis was subcontracted to STL-Buffalo.

000005

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-5

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-001

Sample wt/vol: 1.0 (g/ml) G Lab File ID: X7893.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 19.5 Date Analyzed: 6/18/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

74-87-3	Chloromethane		U	62
74-83-9	Bromomethane		U	62
75-01-4	Vinyl Chloride		U	62
75-00-3	Chloroethane		U	62
75-09-2	Methylene Chloride		U	62
67-64-1	Acetone	87		62
75-15-0	Carbon Disulfide		U	62
75-35-4	1,1-Dichloroethene		U	62
75-34-4	1,1-Dichloroethane		U	62
67-66-3	Chloroform		U	62
107-06-2	1,2-Dichloroethane		U	62
78-93-3	2-Butanone	17	J	62
108-05-4	Vinyl Acetate		U	62
71-55-6	1,1,1-Trichloroethane		U	62
56-23-5	Carbon Tetrachloride		U	62
75-27-4	Bromodichloromethane		U	62
78-87-5	1,2-Dichloropropane		U	62
10061-01-5	cis-1,3-Dichloropropene		U	62
79-01-6	Trichloroethene		U	62
71-43-2	Benzene		U	62
124-48-1	Dibromochloromethane		U	62
110-75-8	2-Chloroethylvinylether		U R	62
10061-02-6	trans-1,3-Dichloropropene		U	62
79-00-5	1,1,2-Trichloroethane		U	62
75-25-2	Bromoform		U	62
108-10-1	4-Methyl-2-Pentanone		U	62
591-78-6	2-Hexanone		U	62
127-18-4	Tetrachloroethene		U	62
79-34-5	1,1,2,2-Tetrachloroethane		U	62
108-88-3	Toluene	80		62
108-90-7	Chlorobenzene		U	62
100-41-4	Ethylbenzene	1600	E J	62
100-42-5	Styrene	420		62
541-73-1	1,3-Dichlorobenzene		U	62
106-46-7	1,4-Dichlorobenzene	22	J	62
95-50-1	1,2-Dichlorobenzene		U	62
1330-20-7	Xylenes, total	260		62
540-59-0	Total-1,2-Dichloroethene		U	62

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-5

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-001

Sample wt/vol: 1.0 (g/ml) G Lab File ID: X7893.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 19.5 Date Analyzed: 6/18/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGNumber TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	C7H14 isomer	18.54	890	J
2.	C9H12 isomer	19.48	880	J
3.	Unknown CnH2n+2	19.59	3700	J
4.	ethyl-methyl Benzene isomer	19.96	1100	J
5.	C11H24 isomer	20.05	1000	J
6.	ethyl-methyl Benzene isomer	20.22	1300	J
7.	Unknown Cyclohexane	20.61	1200	J
8.	Unknown CnH2n+2	20.69	790	J
9.	ethyl-methyl Benzene isomer	20.90	820	J
10.	diethyl Benzene isomer	21.30	1000	J
11.	Unknown CnH2n+2	21.45	2800	J
12.	Unknown Benzene	21.63	990	J
13.	C10H14 isomer	21.79	1000	J
14.	C11H16 isomer	22.13	1000	J
15.	ethyl-dimethyl Benzene isomer	22.41	770	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-5DL

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-001DL

Sample wt/vol: 0.5 (g/ml) G Lab File ID: X7916A.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 19.5 Date Analyzed: 6/21/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	120
74-83-9	Bromomethane		U	120
75-01-4	Vinyl Chloride		U	120
75-00-3	Chloroethane		U	120
75-09-2	Methylene Chloride		U	120
67-64-1	Acetone	51	JD	120
75-15-0	Carbon Disulfide		U	120
75-35-4	1,1-Dichloroethene		U	120
75-34-4	1,1-Dichloroethane		U	120
67-66-3	Chloroform		U	120
107-06-2	1,2-Dichloroethane		U	120
78-93-3	2-Butanone		U	120
108-05-4	Vinyl Acetate		U	120
71-55-6	1,1,1-Trichloroethane		U	120
56-23-5	Carbon Tetrachloride		U	120
75-27-4	Bromodichloromethane		U	120
78-87-5	1,2-Dichloropropane		U	120
10061-01-5	cis-1,3-Dichloropropene		U	120
79-01-6	Trichloroethene		U	120
71-43-2	Benzene		U	120
124-48-1	Dibromochloromethane		U	120
110-75-8	2-Chloroethylvinylether		U ^R	120
10061-02-6	trans-1,3-Dichloropropene		U	120
79-00-5	1,1,2-Trichloroethane		U	120
75-25-2	Bromoform		U	120
108-10-1	4-Methyl-2-Pentanone		U	120
591-78-6	2-Hexanone		U	120
127-18-4	Tetrachloroethene		U	120
79-34-5	1,1,2,2-Tetrachloroethane		U	120
108-88-3	Toluene		U	120
108-90-7	Chlorobenzene		U	120
100-41-4	Ethylbenzene	830	D	120
100-42-5	Styrene	33	JD	120
541-73-1	1,3-Dichlorobenzene		U	120
106-46-7	1,4-Dichlorobenzene		U	120
95-50-1	1,2-Dichlorobenzene		U	120
1330-20-7	Xylenes, total	57	JD	120
540-59-0	Total-1,2-Dichloroethene		U	120

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-4

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-002
 Sample wt/vol: 1.0 (g/ml) G Lab File ID: X7894.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 27.7 Date Analyzed: 6/18/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

74-87-3	Chloromethane		U	69
74-83-9	Bromomethane		U	69
75-01-4	Vinyl Chloride		U	69
75-00-3	Chloroethane		U	69
75-09-2	Methylene Chloride	2700	E	69
67-64-1	Acetone	1000		69
75-15-0	Carbon Disulfide		U	69
75-35-4	1,1-Dichloroethene		U	69
75-34-4	1,1-Dichloroethane		U	69
67-66-3	Chloroform		U	69
107-06-2	1,2-Dichloroethane		U	69
78-93-3	2-Butanone		U	69
108-05-4	Vinyl Acetate		U	69
71-55-6	1,1,1-Trichloroethane		U	69
56-23-5	Carbon Tetrachloride		U	69
75-27-4	Bromodichloromethane		U	69
78-87-5	1,2-Dichloropropane		U	69
10061-01-5	cis-1,3-Dichloropropene		U	69
79-01-6	Trichloroethene		U	69
71-43-2	Benzene	57	J	69
124-48-1	Dibromochloromethane		U	69
110-75-8	2-Chloroethylvinylether		U R	69
10061-02-6	trans-1,3-Dichloropropene		U	69
79-00-5	1,1,2-Trichloroethane		U	69
75-25-2	Bromoform		U	69
108-10-1	4-Methyl-2-Pentanone		U	69
591-78-6	2-Hexanone		U	69
127-18-4	Tetrachloroethene	11	J	69
79-34-5	1,1,2,2-Tetrachloroethane		U	69
108-88-3	Toluene	8200	E J	69
108-90-7	Chlorobenzene		U	69
100-41-4	Ethylbenzene	2100	E J	69
100-42-5	Styrene	45	J	69
541-73-1	1,3-Dichlorobenzene		U	69
106-46-7	1,4-Dichlorobenzene		U	69
95-50-1	1,2-Dichlorobenzene		U	69
1330-20-7	Xylenes, total	350		69
540-59-0	Total-1,2-Dichloroethene		U	69

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-4

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-002

Sample wt/vol: 1.0 (g/ml) G Lab File ID: X7894.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 27.7 Date Analyzed: 6/18/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGNumber TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	C7H8 isomer	15.15	11000	J
2.	Unknown CnH2n+2	19.58	690	J
3.	Unknown CnH2n+2	20.05	380	J
4.	Unknown Cyclohexane	20.61	370	J
5.	C11H24 isomer	20.68	410	J
6. 006975-98-0	Decane, 2-methyl-	20.80	270	JN
7.	C11H24 isomer	20.95	300	J
8.	Unknown CnH2n+2	21.44	1400	J
9. 003913-02-8	1-Octanol, 2-butyl-	21.79	610	JN
10.	C12H26 isomer	21.90	330	J
11.	Unknown	22.43	550	J
12.	Unknown Cyclohexane	22.47	400	J
13. 001002-43-3	Undecane, 3-methyl-	22.71	260	JN
14.	C11H20 isomer	22.78	310	J
15. 000112-40-3	Dodecane	23.19	290	JN

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NYSDOH 10142

NJDEP 73016

CTDOHS PH-0554

EPA NY049

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-4DL

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-002DL

Sample wt/vol: 4.0 (g/ml) G Lab File ID: W3587.D

Level: (low/med) MED Date Received: 6/9/2004

% Moisture: not dec. 27.7 Date Analyzed: 6/21/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 20 (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

74-87-3	Chloromethane		U	8600
74-83-9	Bromomethane		U	8600
75-01-4	Vinyl Chloride		U	8600
75-00-3	Chloroethane		U	8600
75-09-2	Methylene Chloride	5400	JD	8600
67-64-1	Acetone		U	8600
75-15-0	Carbon Disulfide		U	8600
75-35-4	1,1-Dichloroethene		U	8600
75-34-4	1,1-Dichloroethane		U	8600
67-66-3	Chloroform		U	8600
107-06-2	1,2-Dichloroethane		U	8600
78-93-3	2-Butanone		U	8600
108-05-4	Vinyl Acetate		U	8600
71-55-6	1,1,1-Trichloroethane		U	8600
56-23-5	Carbon Tetrachloride		U	8600
75-27-4	Bromodichloromethane		U	8600
78-87-5	1,2-Dichloropropane		U	8600
10061-01-5	cis-1,3-Dichloropropene		U	8600
79-01-6	Trichloroethene		U	8600
71-43-2	Benzene		U	8600
124-48-1	Dibromochloromethane		U	8600
110-75-8	2-Chloroethylvinylether		U	8600
10061-02-6	trans-1,3-Dichloropropene		U	8600
79-00-5	1,1,2-Trichloroethane		U	8600
75-25-2	Bromoform		U	8600
108-10-1	4-Methyl-2-Pentanone		U	8600
591-78-6	2-Hexanone		U	8600
127-18-4	Tetrachloroethene		U	8600
79-34-5	1,1,2,2-Tetrachloroethane		U	8600
108-88-3	Toluene	120000	D	8600
108-90-7	Chlorobenzene		U	8600
100-41-4	Ethylbenzene	15000	D	8600
100-42-5	Styrene		U	8600
541-73-1	1,3-Dichlorobenzene		U	8600
106-46-7	1,4-Dichlorobenzene		U	8600
95-50-1	1,2-Dichlorobenzene		U	8600
1330-20-7	Xylenes, total		U	8600
540-59-0	Total-1,2-Dichloroethene		U	8600

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-19

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-003

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7895.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 20.8 Date Analyzed: 6/18/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	13
74-83-9	Bromomethane		U	13
75-01-4	Vinyl Chloride		U	13
75-00-3	Chloroethane		U	13
75-09-2	Methylene Chloride	7	J	13
67-64-1	Acetone	9	J	13
75-15-0	Carbon Disulfide	7	J	13
75-35-4	1,1-Dichloroethene		U	13
75-34-4	1,1-Dichloroethane		U	13
67-66-3	Chloroform		U	13
107-06-2	1,2-Dichloroethane		U	13
78-93-3	2-Butanone		U	13
108-05-4	Vinyl Acetate		U	13
71-55-6	1,1,1-Trichloroethane		U	13
56-23-5	Carbon Tetrachloride		U	13
75-27-4	Bromodichloromethane		U	13
78-87-5	1,2-Dichloropropane		U	13
10061-01-5	cis-1,3-Dichloropropene		U	13
79-01-6	Trichloroethene		U	13
71-43-2	Benzene	2	J	13
124-48-1	Dibromochloromethane		U	13
110-75-8	2-Chloroethylvinylether		U R	13
10061-02-6	trans-1,3-Dichloropropene		U	13
79-00-5	1,1,2-Trichloroethane		U	13
75-25-2	Bromoform		U	13
108-10-1	4-Methyl-2-Pentanone		U	13
591-78-6	2-Hexanone		U	13
127-18-4	Tetrachloroethene		U	13
79-34-5	1,1,2,2-Tetrachloroethane		U	13
108-88-3	Toluene	6	J	13
108-90-7	Chlorobenzene		U	13
100-41-4	Ethylbenzene	2	J	13
100-42-5	Styrene		U	13
541-73-1	1,3-Dichlorobenzene		U	13
106-46-7	1,4-Dichlorobenzene		U	13
95-50-1	1,2-Dichlorobenzene		U	13
1330-20-7	Xylenes, total	5	J	13
540-59-0	Total-1,2-Dichloroethene		U	13

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-19

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-003
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7895.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 20.8 Date Analyzed: 6/18/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	9.53	10	JN
2. 000071-23-8	1-Propanol	9.97	19	JN
3.	C11H24 isomer	20.05	7	J
4.	Unknown	20.46	13	J
5.	Cyclohexene isomer	20.65	12	J
6.	Unknown	21.24	15	J
7.	C11H20 isomer	22.42	8	J
8.	C13H28 isomer	23.47	11	J
9.	Unknown CnH2n+2	24.60	13	J
10.	Unknown CnH2n+2	26.47	8	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-12

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-004

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7918.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 23.4 Date Analyzed: 6/20/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	13
74-83-9	Bromomethane		U	13
75-01-4	Vinyl Chloride		U	13
75-00-3	Chloroethane		U	13
75-09-2	Methylene Chloride	2	J	13
67-64-1	Acetone	32		13
75-15-0	Carbon Disulfide	2	J	13
75-35-4	1,1-Dichloroethene		U	13
75-34-4	1,1-Dichloroethane		U	13
67-66-3	Chloroform		U	13
107-06-2	1,2-Dichloroethane		U	13
78-93-3	2-Butanone	7	J	13
108-05-4	Vinyl Acetate		U	13
71-55-6	1,1,1-Trichloroethane		U	13
56-23-5	Carbon Tetrachloride		U	13
75-27-4	Bromodichloromethane		U	13
78-87-5	1,2-Dichloropropane		U	13
10061-01-5	cis-1,3-Dichloropropene		U	13
79-01-6	Trichloroethene		U	13
71-43-2	Benzene	2	J	13
124-48-1	Dibromochloromethane		U	13
110-75-8	2-Chloroethylvinylether		U R	13
10061-02-6	trans-1,3-Dichloropropene		U	13
79-00-5	1,1,2-Trichloroethane		U	13
75-25-2	Bromoform		U	13
108-10-1	4-Methyl-2-Pentanone		U	13
591-78-6	2-Hexanone		U	13
127-18-4	Tetrachloroethene		U	13
79-34-5	1,1,2,2-Tetrachloroethane		U	13
108-88-3	Toluene	11	J	13
108-90-7	Chlorobenzene		U	13
100-41-4	Ethylbenzene	6	J	13
100-42-5	Styrene		U	13
541-73-1	1,3-Dichlorobenzene		U	13
106-46-7	1,4-Dichlorobenzene		U	13
95-50-1	1,2-Dichlorobenzene		U	13
540-59-0	Total-1,2-Dichloroethene		U	13
1330-20-7	Xylenes, total	45		13

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-12

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-004

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7918.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 23.4 Date Analyzed: 6/20/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGNumber TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000071-23-8	1-Propanol	9.96	85	JN
2.	C7H14 isomer	13.51	870	J
3.	C7H14 isomer	13.76	88	J
4.	Cyclopentane isomer	13.87	150	J
5. 015890-40-1	Cyclopentane, 1,2,3-trimethyl-, (1	14.09	160	JN
6.	C8H18 isomer	14.38	85	J
7.	Unknown	14.60	88	J
8.	C11H24 isomer	20.05	66	J
9.	Unknown CnH2n+2	20.55	68	J
10.	ethyl-dimethyl Benzene isomer	21.80	67	J
11.	ethyl-dimethyl Benzene isomer	21.91	100	J
12.	Unknown	22.13	66	J
13.	ethyl-dimethyl Benzene isomer	22.55	86	J
14.	ethyl-dimethyl Benzene isomer	22.64	140	J
15.	ethyl-dimethyl Benzene isomer	23.36	83	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-17

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-005
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7919.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 49.6 Date Analyzed: 6/20/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	20
74-83-9	Bromomethane		U	20
75-01-4	Vinyl Chloride		U	20
75-00-3	Chloroethane		U	20
75-09-2	Methylene Chloride	2	J	20
67-64-1	Acetone	25		20
75-15-0	Carbon Disulfide		U	20
75-35-4	1,1-Dichloroethene		U	20
75-34-4	1,1-Dichloroethane		U	20
67-66-3	Chloroform		U	20
107-06-2	1,2-Dichloroethane		U	20
78-93-3	2-Butanone	7	J	20
108-05-4	Vinyl Acetate		U	20
71-55-6	1,1,1-Trichloroethane		U	20
56-23-5	Carbon Tetrachloride		U	20
75-27-4	Bromodichloromethane		U	20
78-87-5	1,2-Dichloropropane		U	20
10061-01-5	cis-1,3-Dichloropropene		U	20
79-01-6	Trichloroethene		U	20
71-43-2	Benzene	5	J	20
124-48-1	Dibromochloromethane		U	20
110-75-8	2-Chloroethylvinylether		U R	20
10061-02-6	trans-1,3-Dichloropropene		U	20
79-00-5	1,1,2-Trichloroethane		U	20
75-25-2	Bromoform		U	20
108-10-1	4-Methyl-2-Pentanone		U	20
591-78-6	2-Hexanone		U	20
127-18-4	Tetrachloroethene		U	20
79-34-5	1,1,2,2-Tetrachloroethane		U	20
108-88-3	Toluene	3	J	20
108-90-7	Chlorobenzene	12	J	20
100-41-4	Ethylbenzene	9	J	20
100-42-5	Styrene		U	20
541-73-1	1,3-Dichlorobenzene		U	20
106-46-7	1,4-Dichlorobenzene	13	J	20
95-50-1	1,2-Dichlorobenzene		U	20
540-59-0	Total-1,2-Dichloroethene		U	20
1330-20-7	Xylenes, total	34		20

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-17

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-005
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7919.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 49.6 Date Analyzed: 6/20/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000071-23-8	1-Propanol	9.95	93	JN
2.	ethyl-methyl Benzene isomer	18.73	68	J
3.	Unknown	19.36	130	J
4.	C9H12 isomer	19.61	110	J
5.	ethyl-methyl Benzene isomer	19.96	57	J
6.	C11H24 isomer	20.05	120	J
7.	trimethyl Benzene isomer	20.22	710	J
8.	Unknown CnH2n+2	20.55	55	J
9.	Unknown Cyclohexane	20.61	76	J
10.	ethyl-methyl Benzene isomer	20.90	190	J
11.	C9H10 isomer	21.24	160	J
12.	C10H18 isomer	21.43	80	J
13.	Unknown CnH2n	21.79	720	J
14.	ethyl-dimethyl Benzene isomer	21.91	92	J
15.	Unknown CnH2nO	22.77	50	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-18

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-006

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7920.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 54.1 Date Analyzed: 6/20/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	22
74-83-9	Bromomethane		U	22
75-01-4	Vinyl Chloride		U	22
75-00-3	Chloroethane		U	22
75-09-2	Methylene Chloride		U	22
67-64-1	Acetone	6	J	22
75-15-0	Carbon Disulfide		U	22
75-35-4	1,1-Dichloroethene		U	22
75-34-4	1,1-Dichloroethane		U	22
67-66-3	Chloroform		U	22
107-06-2	1,2-Dichloroethane		U	22
78-93-3	2-Butanone		U	22
108-05-4	Vinyl Acetate		U	22
71-55-6	1,1,1-Trichloroethane		U	22
56-23-5	Carbon Tetrachloride		U	22
75-27-4	Bromodichloromethane		U	22
78-87-5	1,2-Dichloropropane		U	22
10061-01-5	cis-1,3-Dichloropropene		U	22
79-01-6	Trichloroethene		U	22
71-43-2	Benzene		U	22
124-48-1	Dibromochloromethane		U	22
110-75-8	2-Chloroethylvinylether		U R	22
10061-02-6	trans-1,3-Dichloropropene		U	22
79-00-5	1,1,2-Trichloroethane		U	22
75-25-2	Bromoform		U	22
108-10-1	4-Methyl-2-Pentanone		U	22
591-78-6	2-Hexanone		U	22
127-18-4	Tetrachloroethene		U	22
79-34-5	1,1,2,2-Tetrachloroethane		U	22
108-88-3	Toluene		U	22
108-90-7	Chlorobenzene	4	J	22
100-41-4	Ethylbenzene		U	22
100-42-5	Styrene		U	22
541-73-1	1,3-Dichlorobenzene		U	22
106-46-7	1,4-Dichlorobenzene	5	J	22
95-50-1	1,2-Dichlorobenzene		U	22
1330-20-7	Xylenes, total		U	22
540-59-0	Total-1,2-Dichloroethene		U	22

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-18

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-006
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7920.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 54.1 Date Analyzed: 6/20/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 14

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000071-23-8	1-Propanol	9.97	33	JN
2.	C10H20 isomer	19.56	20	J
3.	Unknown	20.05	15	J
4.	Unknown CnH2n+2	20.12	12	J
5.	C9H12 isomer	20.22	19	J
6.	C13H28 isomer	20.55	19	J
7.	Unknown CnH2n+2	20.93	21	J
8.	C9H10 isomer	21.24	23	J
9.	C10H18 isomer	21.42	15	J
10.	Unknown	21.79	66	J
11.	ethyl-dimethyl Benzene isomer	21.91	26	J
12.	Unknown	22.14	24	J
13.	ethyl-dimethyl Benzene isomer	22.54	14	J
14.	Unknown	24.84	13	J

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NYSDOH 10142

NJDEP 73016

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PA 68-378

M-NY049

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

TP-16

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-007

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7917A.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 21.2 Date Analyzed: 6/21/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	13
74-83-9	Bromomethane		U	13
75-01-4	Vinyl Chloride		U	13
75-00-3	Chloroethane		U	13
75-09-2	Methylene Chloride	2	J	13
67-64-1	Acetone	14		13
75-15-0	Carbon Disulfide		U	13
75-35-4	1,1-Dichloroethene		U	13
75-34-4	1,1-Dichloroethane		U	13
67-66-3	Chloroform		U	13
107-06-2	1,2-Dichloroethane		U	13
78-93-3	2-Butanone		U	13
108-05-4	Vinyl Acetate		U	13
71-55-6	1,1,1-Trichloroethane		U	13
56-23-5	Carbon Tetrachloride		U	13
75-27-4	Bromodichloromethane		U	13
78-87-5	1,2-Dichloropropane		U	13
10061-01-5	cis-1,3-Dichloropropene		U	13
79-01-6	Trichloroethene		U	13
71-43-2	Benzene		U	13
124-48-1	Dibromochloromethane		U	13
110-75-8	2-Chloroethylvinylether		U R	13
10061-02-6	trans-1,3-Dichloropropene		U	13
79-00-5	1,1,2-Trichloroethane		U	13
75-25-2	Bromoform		U	13
108-10-1	4-Methyl-2-Pentanone		U	13
591-78-6	2-Hexanone		U	13
127-18-4	Tetrachloroethene		U	13
79-34-5	1,1,2,2-Tetrachloroethane		U	13
108-88-3	Toluene		U	13
108-90-7	Chlorobenzene		U	13
100-41-4	Ethylbenzene		U	13
100-42-5	Styrene		U	13
541-73-1	1,3-Dichlorobenzene		U	13
106-46-7	1,4-Dichlorobenzene		U	13
95-50-1	1,2-Dichlorobenzene		U	13
1330-20-7	Xylenes, total	4	J	13
540-59-0	Total-1,2-Dichloroethene		U	13

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-16

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-007

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7917A.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 21.2 Date Analyzed: 6/21/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 14

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	7.94	15	J
2. 000110-54-3	Hexane	9.53	20	JN
3. 000071-23-8	1-Propanol	9.96	370	JN
4.	C7H14 isomer	13.50	16	J
5.	Unknown	18.53	12	J
6.	C10H20 isomer	19.28	13	J
7.	C11H24 isomer	20.04	15	J
8.	C9H20 isomer	20.92	13	J
9. 000493-01-6	Naphthalene, decahydro-, cis-	21.42	15	JN
10.	C11H20 isomer	22.42	15	J
11.	C11H20 isomer	22.77	12	J
12.	C13H28 isomer	23.46	20	J
13.	Unknown CnH2n+2	24.60	22	J
14.	Unknown	27.58	14	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-13

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-008

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7922.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 49.6 Date Analyzed: 6/21/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

74-87-3	Chloromethane		U	20
74-83-9	Bromomethane		U	20
75-01-4	Vinyl Chloride		U	20
75-00-3	Chloroethane		U	20
75-09-2	Methylene Chloride	6	J	20
67-64-1	Acetone	17	J	20
75-15-0	Carbon Disulfide	8	J	20
75-35-4	1,1-Dichloroethene		U	20
75-34-4	1,1-Dichloroethane		U	20
67-66-3	Chloroform		U	20
107-06-2	1,2-Dichloroethane		U	20
78-93-3	2-Butanone	4	J	20
108-05-4	Vinyl Acetate		U	20
71-55-6	1,1,1-Trichloroethane		U	20
56-23-5	Carbon Tetrachloride		U	20
75-27-4	Bromodichloromethane		U	20
78-87-5	1,2-Dichloropropane		U	20
10061-01-5	cis-1,3-Dichloropropene		U	20
79-01-6	Trichloroethene		U	20
71-43-2	Benzene	2	J	20
124-48-1	Dibromochloromethane		U	20
110-75-8	2-Chloroethylvinylether		U R	20
10061-02-6	trans-1,3-Dichloropropene		U	20
79-00-5	1,1,2-Trichloroethane		U	20
75-25-2	Bromoform		U	20
108-10-1	4-Methyl-2-Pentanone		U	20
591-78-6	2-Hexanone		U	20
127-18-4	Tetrachloroethene		U	20
79-34-5	1,1,2,2-Tetrachloroethane		U	20
108-88-3	Toluene	3	J	20
108-90-7	Chlorobenzene	21		20
100-41-4	Ethylbenzene		U	20
100-42-5	Styrene		U	20
541-73-1	1,3-Dichlorobenzene		U	20
106-46-7	1,4-Dichlorobenzene	22		20
95-50-1	1,2-Dichlorobenzene	2	J	20
1330-20-7	Xylenes, total	4	J	20
540-59-0	Total-1,2-Dichloroethene		U	20

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-13

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-008
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7922.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 49.6 Date Analyzed: 6/21/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 14

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown CnH2n+2	19.27	12	J
2.	Unknown	19.61	24	J
3.	Unknown CnH2n+2	20.05	18	J
4.	trimethyl Decane isomer	20.12	39	J
5.	C12H26 isomer	20.33	13	J
6.	trimethyl Decane isomer	20.55	52	J
7.	C9H20 isomer	20.93	90	J
8.	Unknown CnH2n+2	21.26	43	J
9.	ethyl-dimethyl Benzene isomer	21.91	14	J
10.	Unknown Benzene	22.14	13	J
11.	ethyl-dimethyl Benzene isomer	22.64	13	J
12.	Unknown CnH2n+2	22.76	27	J
13.	ethyl-dimethyl Benzene isomer	23.36	12	J
14. 070412-52-1	2,11-Dioxabicyclo[4.4.1]undeca-3	24.85	15	JN

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-14

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-009

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7923.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 35.1 Date Analyzed: 6/21/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	15
74-83-9	Bromomethane		U	15
75-01-4	Vinyl Chloride		U	15
75-00-3	Chloroethane		U	15
75-09-2	Methylene Chloride	2	J	15
67-64-1	Acetone	2	J	15
75-15-0	Carbon Disulfide	2	J	15
75-35-4	1,1-Dichloroethene		U	15
75-34-4	1,1-Dichloroethane		U	15
67-66-3	Chloroform		U	15
107-06-2	1,2-Dichloroethane		U	15
78-93-3	2-Butanone		U	15
108-05-4	Vinyl Acetate		U	15
71-55-6	1,1,1-Trichloroethane		U	15
56-23-5	Carbon Tetrachloride		U	15
75-27-4	Bromodichloromethane		U	15
78-87-5	1,2-Dichloropropane		U	15
10061-01-5	cis-1,3-Dichloropropene		U	15
79-01-6	Trichloroethene		U	15
71-43-2	Benzene		U	15
124-48-1	Dibromochloromethane		U	15
110-75-8	2-Chloroethylvinylether		U R	15
10061-02-6	trans-1,3-Dichloropropene		U	15
79-00-5	1,1,2-Trichloroethane		U	15
75-25-2	Bromoform		U	15
108-10-1	4-Methyl-2-Pentanone		U	15
591-78-6	2-Hexanone		U	15
127-18-4	Tetrachloroethene	2	J	15
79-34-5	1,1,2,2-Tetrachloroethane		U	15
108-88-3	Toluene	2	J	15
108-90-7	Chlorobenzene	12	J	15
100-41-4	Ethylbenzene		U	15
100-42-5	Styrene		U	15
541-73-1	1,3-Dichlorobenzene		U	15
106-46-7	1,4-Dichlorobenzene	8	J	15
95-50-1	1,2-Dichlorobenzene		U	15
1330-20-7	Xylenes, total		U	15
540-59-0	Total-1,2-Dichloroethene		U	15

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-14

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-009
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7923.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 35.1 Date Analyzed: 6/21/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown Cyclohexane	18.55	55	J
2.	C9H16 isomer	19.15	62	J
3.	C9H16 isomer	19.31	110	J
4.	C10H20 isomer	19.46	61	J
5.	Unknown CnH2n	19.61	59	J
6.	Unknown Cyclohexane	19.69	56	J
7.	C10H22 isomer	20.06	65	J
8.	trimethyl Decane isomer	20.12	140	J
9.	Unknown CnH2n+2	20.33	62	J
10.	Unknown	20.55	83	J
11.	Unknown Hexane	20.93	140	J
12.	Unknown CnH2n+2	21.26	75	J
13. 000493-02-7	Naphthalene, decahydro-, trans-	21.43	110	JN
14.	ethyl-dimethyl Benzene isomer	21.91	54	J
15.	C10H14 isomer	22.13	63	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-15

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-010

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7903.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 48.7 Date Analyzed: 6/20/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	19
74-83-9	Bromomethane		U	19
75-01-4	Vinyl Chloride		U	19
75-00-3	Chloroethane		U	19
75-09-2	Methylene Chloride	10	J	19
67-64-1	Acetone	11	J	19
75-15-0	Carbon Disulfide	8	J	19
75-35-4	1,1-Dichloroethene		U	19
75-34-4	1,1-Dichloroethane		U	19
67-66-3	Chloroform		U	19
107-06-2	1,2-Dichloroethane		U	19
78-93-3	2-Butanone		U	19
108-05-4	Vinyl Acetate		U	19
71-55-6	1,1,1-Trichloroethane		U	19
56-23-5	Carbon Tetrachloride		U	19
75-27-4	Bromodichloromethane		U	19
78-87-5	1,2-Dichloropropane		U	19
10061-01-5	cis-1,3-Dichloropropene		U	19
79-01-6	Trichloroethene		U	19
71-43-2	Benzene	2	J	19
124-48-1	Dibromochloromethane		U	19
110-75-8	2-Chloroethylvinylether		U R	19
10061-02-6	trans-1,3-Dichloropropene		U	19
79-00-5	1,1,2-Trichloroethane		U	19
75-25-2	Bromoform		U	19
108-10-1	4-Methyl-2-Pentanone		U J	19
591-78-6	2-Hexanone		U J	19
127-18-4	Tetrachloroethene		U J	19
79-34-5	1,1,2,2-Tetrachloroethane		U J	19
108-88-3	Toluene	3	J	19
108-90-7	Chlorobenzene	5	J	19
100-41-4	Ethylbenzene		U	19
100-42-5	Styrene		U	19
541-73-1	1,3-Dichlorobenzene		U	19
106-46-7	1,4-Dichlorobenzene	4	J	19
95-50-1	1,2-Dichlorobenzene		U	19
540-59-0	Total-1,2-Dichloroethene		U	19
1330-20-7	Xylenes, total		U	19

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-15

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Matrix: (soil/water) SOIL Lab Sample ID: 237118-010
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7903.D
Level: (low/med) LOW Date Received: 6/9/2004
% Moisture: not dec. 48.7 Date Analyzed: 6/20/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000071-23-8	1-Propanol	9.97	23	JN
2. 000629-59-4	Tetradecane	26.85	15	JN

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VOLATILE ORGANICS ANALYSIS DATA SHEET

TP-15RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-010RE

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7924.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 48.7 Date Analyzed: 6/21/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	19
74-83-9	Bromomethane		U	19
75-01-4	Vinyl Chloride		U	19
75-00-3	Chloroethane		U	19
75-09-2	Methylene Chloride	7	J	19
67-64-1	Acetone	13	J	19
75-15-0	Carbon Disulfide	8	J	19
75-35-4	1,1-Dichloroethene		U	19
75-34-4	1,1-Dichloroethane		U	19
67-66-3	Chloroform		U	19
107-06-2	1,2-Dichloroethane		U	19
78-93-3	2-Butanone		U	19
108-05-4	Vinyl Acetate		U	19
71-55-6	1,1,1-Trichloroethane		U	19
56-23-5	Carbon Tetrachloride		U	19
75-27-4	Bromodichloromethane		U	19
78-87-5	1,2-Dichloropropane		U	19
10061-01-5	cis-1,3-Dichloropropene		U	19
79-01-6	Trichloroethene		U	19
71-43-2	Benzene		U	19
124-48-1	Dibromochloromethane		U	19
110-75-8	2-Chloroethylvinylether		U R	19
10061-02-6	trans-1,3-Dichloropropene		U	19
79-00-5	1,1,2-Trichloroethane		U	19
75-25-2	Bromoform		U	19
108-10-1	4-Methyl-2-Pentanone		U	19
591-78-6	2-Hexanone		U	19
127-18-4	Tetrachloroethene		U	19
79-34-5	1,1,2,2-Tetrachloroethane		U	19
108-88-3	Toluene	2	J	19
108-90-7	Chlorobenzene	4	J	19
100-41-4	Ethylbenzene		U	19
100-42-5	Styrene		U	19
541-73-1	1,3-Dichlorobenzene		U	19
106-46-7	1,4-Dichlorobenzene	4	J	19
95-50-1	1,2-Dichlorobenzene		U	19
1330-20-7	Xylenes, total		U	19
540-59-0	Total-1,2-Dichloroethene		U	19

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-15RE

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Matrix: (soil/water) SOIL Lab Sample ID: 237118-010RE
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7924.D
Level: (low/med) LOW Date Received: 6/9/2004
% Moisture: not dec. 48.7 Date Analyzed: 6/21/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGNumber TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000071-23-8	1-Propanol	9.96	43	JN

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FORM 1 VOA-TIC

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-2

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-011

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7904.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 23.7 Date Analyzed: 6/20/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	13
74-83-9	Bromomethane		U	13
75-01-4	Vinyl Chloride		U	13
75-00-3	Chloroethane		U	13
75-09-2	Methylene Chloride	3	J	13
67-64-1	Acetone	30		13
75-15-0	Carbon Disulfide		U	13
75-35-4	1,1-Dichloroethene		U	13
75-34-4	1,1-Dichloroethane		U	13
67-66-3	Chloroform		U	13
107-06-2	1,2-Dichloroethane		U	13
78-93-3	2-Butanone	4	J	13
108-05-4	Vinyl Acetate		U	13
71-55-6	1,1,1-Trichloroethane		U	13
56-23-5	Carbon Tetrachloride		U	13
75-27-4	Bromodichloromethane		U	13
78-87-5	1,2-Dichloropropane		U	13
10061-01-5	cis-1,3-Dichloropropene		U	13
79-01-6	Trichloroethene		U	13
71-43-2	Benzene		U	13
124-48-1	Dibromochloromethane		U	13
110-75-8	2-Chloroethylvinylether		U R	13
10061-02-6	trans-1,3-Dichloropropene		U	13
79-00-5	1,1,2-Trichloroethane		U	13
75-25-2	Bromoform		U	13
108-10-1	4-Methyl-2-Pentanone		U	13
591-78-6	2-Hexanone		U	13
127-18-4	Tetrachloroethene		U	13
79-34-5	1,1,2,2-Tetrachloroethane		U	13
108-88-3	Toluene		U	13
108-90-7	Chlorobenzene		U	13
100-41-4	Ethylbenzene		U	13
100-42-5	Styrene		U	13
541-73-1	1,3-Dichlorobenzene		U	13
106-46-7	1,4-Dichlorobenzene		U	13
95-50-1	1,2-Dichlorobenzene		U	13
1330-20-7	Xylenes, total	11	J	13
540-59-0	Total-1,2-Dichloroethene		U	13

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FORM IVOA

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NYSDOH 10142

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EPA NY049

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-2

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-011
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7904.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 23.7 Date Analyzed: 6/20/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 13

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000071-23-8	1-Propanol	9.96	28	JN
2. 004516-69-2	Cyclopentane, 1,1,3-trimethyl-	13.44	12	JN
3.	C7H14 isomer	13.50	57	J
4.	1,2,4-trimethyl Cyclopentane iso	13.87	7	J
5.	1,2,3-trimethyl Cyclopentane iso	14.09	8	J
6.	Unknown CnH2n	16.47	7	J
7.	ethyl-methyl Cyclohexane isomer	18.09	7	J
8.	Unknown CnH2n	18.55	8	J
9. 000098-82-8	Benzene, (1-methylethyl)-	18.72	12	JN
10.	C10H20 isomer	19.55	17	J
11.	C10H18 isomer	19.81	21	J
12.	C10H18 isomer	21.42	7	J
13.	Unknown	22.13	9	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

TP-1

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-012

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7925.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 25.2 Date Analyzed: 6/21/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	13
74-83-9	Bromomethane		U	13
75-01-4	Vinyl Chloride		U	13
75-00-3	Chloroethane		U	13
75-09-2	Methylene Chloride	2	J	13
67-64-1	Acetone	17		13
75-15-0	Carbon Disulfide	3	J	13
75-35-4	1,1-Dichloroethene		U	13
75-34-4	1,1-Dichloroethane		U	13
67-66-3	Chloroform		U	13
107-06-2	1,2-Dichloroethane		U	13
78-93-3	2-Butanone	2	J	13
108-05-4	Vinyl Acetate		U	13
71-55-6	1,1,1-Trichloroethane		U	13
56-23-5	Carbon Tetrachloride		U	13
75-27-4	Bromodichloromethane		U	13
78-87-5	1,2-Dichloropropane		U	13
10061-01-5	cis-1,3-Dichloropropene		U	13
79-01-6	Trichloroethene		U	13
71-43-2	Benzene		U	13
124-48-1	Dibromochloromethane		U	13
110-75-8	2-Chloroethylvinylether		U R	13
10061-02-6	trans-1,3-Dichloropropene		U	13
79-00-5	1,1,2-Trichloroethane		U	13
75-25-2	Bromoform		U	13
108-10-1	4-Methyl-2-Pentanone		U	13
591-78-6	2-Hexanone		U	13
127-18-4	Tetrachloroethene		U	13
79-34-5	1,1,2,2-Tetrachloroethane		U	13
108-88-3	Toluene		U	13
108-90-7	Chlorobenzene		U	13
100-41-4	Ethylbenzene		U	13
100-42-5	Styrene		U	13
541-73-1	1,3-Dichlorobenzene		U	13
106-46-7	1,4-Dichlorobenzene		U	13
95-50-1	1,2-Dichlorobenzene		U	13
540-59-0	Total-1,2-Dichloroethene		U	13
1330-20-7	Xylenes, total		U	13

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-1

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-012
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7925.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 25.2 Date Analyzed: 6/21/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	C12H26 isomer	21.79	30	J
2. 1000152-47-3	trans-Decalin, 2-methyl-	22.43	44	JN
3.	Unknown Cyclohexane	22.48	31	J
4.	C11H20 isomer	22.78	33	J
5.	methyl (methylethyl) Benzene iso	23.35	38	J
6.	C13H28 isomer	23.47	100	J
7.	Unknown	23.66	40	J
8.	Unknown CnH2n	24.43	32	J
9.	Unknown CnH2n+2	24.61	100	J
10.	Unknown	25.43	36	J
11.	Unknown	25.58	60	J
12.	Unknown CnH2n+2	26.47	32	J
13.	tetrahydro Naphthalene isomer	26.87	47	J
14.	Unknown	27.03	30	J
15. 080655-44-3	Decahydro-4,4,8,9,10-pentameth	27.59	78	JN

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NYSDOH 10142

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CTDOHS PH-0554

EPA NY049

PA 68-378

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-8

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-013
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7926.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 29.9 Date Analyzed: 6/21/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	14
74-83-9	Bromomethane		U	14
75-01-4	Vinyl Chloride		U	14
75-00-3	Chloroethane	49		14
75-09-2	Methylene Chloride	4	J	14
67-64-1	Acetone	220		14
75-15-0	Carbon Disulfide	9	J	14
75-35-4	1,1-Dichloroethene		U	14
75-34-4	1,1-Dichloroethane		U	14
67-66-3	Chloroform		U	14
107-06-2	1,2-Dichloroethane		U	14
78-93-3	2-Butanone	29		14
108-05-4	Vinyl Acetate		U	14
71-55-6	1,1,1-Trichloroethane		U	14
56-23-5	Carbon Tetrachloride		U	14
75-27-4	Bromodichloromethane		U	14
78-87-5	1,2-Dichloropropane		U	14
10061-01-5	cis-1,3-Dichloropropene		U	14
79-01-6	Trichloroethene		U	14
71-43-2	Benzene	2	J	14
124-48-1	Dibromochloromethane		U	14
110-75-8	2-Chloroethylvinylether		U	14
10061-02-6	trans-1,3-Dichloropropene		U	14
79-00-5	1,1,2-Trichloroethane		U	14
75-25-2	Bromoform		U	14
108-10-1	4-Methyl-2-Pentanone	5	J	14
591-78-6	2-Hexanone		U	14
127-18-4	Tetrachloroethene		U	14
79-34-5	1,1,2,2-Tetrachloroethane		U	14
108-88-3	Toluene	8	J	14
108-90-7	Chlorobenzene		U	14
100-41-4	Ethylbenzene	2	J	14
100-42-5	Styrene		U	14
541-73-1	1,3-Dichlorobenzene		U	14
106-46-7	1,4-Dichlorobenzene		U	14
95-50-1	1,2-Dichlorobenzene		U	14
1330-20-7	Xylenes, total	21	J	14
540-59-0	Total-1,2-Dichloroethene		U	14

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FORM I/VOA

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-8

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-013
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7926.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 29.9 Date Analyzed: 6/21/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 14

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 004516-69-2	Cyclopentane, 1,1,3-trimethyl-	13.44	63	JN
2.	C7H14 isomer	13.50	95	J
3. 016883-48-0	Cyclopentane, 1,2,4-trimethyl-, (1	13.87	42	JN
4. 015890-40-1	Cyclopentane, 1,2,3-trimethyl-, (1	14.09	35	JN
5.	C8H16 isomer	15.51	34	J
6.	(cyclohexylmethyl) Cyclohexane i	19.60	150	J
7.	Unknown CnH2n+2	20.93	34	J
8.	ethyl-dimethyl Benzene isomer	21.91	30	J
9.	ethyl-dimethyl Benzene isomer	22.55	36	J
10.	ethyl-dimethyl Benzene isomer	23.36	33	J
11.	C13H28 isomer	23.47	48	J
12.	Unknown CnH2n+2	24.61	61	J
13.	Unknown CnH2n+2	26.47	72	J
14.	Unknown CnH2n+2	26.85	35	J

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FORM I VOA-TIC

3/90

NYSDOH 10142

NJDEP 73016

CTDOHS PH-0554

EPA NY049

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M-NY049

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-8RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-013RE

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7935.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 29.9 Date Analyzed: 6/22/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

74-87-3	Chloromethane		U	14
74-83-9	Bromomethane		U	14
75-01-4	Vinyl Chloride		U	14
75-00-3	Chloroethane	22		14
75-09-2	Methylene Chloride	4	J	14
67-64-1	Acetone	100		14
75-15-0	Carbon Disulfide	9	J	14
75-35-4	1,1-Dichloroethene		U	14
75-34-4	1,1-Dichloroethane		U	14
67-66-3	Chloroform		U	14
107-06-2	1,2-Dichloroethane		U	14
78-93-3	2-Butanone	8	J	14
108-05-4	Vinyl Acetate		U	14
71-55-6	1,1,1-Trichloroethane		U	14
56-23-5	Carbon Tetrachloride		U	14
75-27-4	Bromodichloromethane		U	14
78-87-5	1,2-Dichloropropane		U	14
10061-01-5	cis-1,3-Dichloropropene		U	14
79-01-6	Trichloroethene		U	14
71-43-2	Benzene		U	14
124-48-1	Dibromochloromethane		U	14
110-75-8	2-Chloroethylvinylether		U	14
10061-02-6	trans-1,3-Dichloropropene		U	14
79-00-5	1,1,2-Trichloroethane		U	14
75-25-2	Bromoform		U	14
108-10-1	4-Methyl-2-Pentanone	5	J	14
591-78-6	2-Hexanone		U	14
127-18-4	Tetrachloroethene		U	14
79-34-5	1,1,2,2-Tetrachloroethane		U	14
108-88-3	Toluene	8	J	14
108-90-7	Chlorobenzene		U	14
100-41-4	Ethylbenzene	3	J	14
100-42-5	Styrene		U	14
541-73-1	1,3-Dichlorobenzene		U	14
106-46-7	1,4-Dichlorobenzene		U	14
95-50-1	1,2-Dichlorobenzene		U	14
1330-20-7	Xylenes, total	25		14
540-59-0	Total-1,2-Dichloroethene		U	14

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NYSDOH 10142

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FORM IVOA

CTDOHS PH-0554

EPA NY049

PA 68-378

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-8RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-013RE
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7935.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 29.9 Date Analyzed: 6/22/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	C11H24 isomer	20.05	51	J
2.	C9H20 isomer	20.93	89	J
3.	C10H18 isomer	21.43	82	J
4. 001632-70-8	Undecane,5-methyl-	21.79	53	JN
5.	ethyl-dimethyl Benzene isomer	21.90	65	J
6. 1000152-47-3	trans-Decalin, 2-methyl-	22.43	89	JN
7.	Unknown Cyclohexane	22.47	55	J
8.	ethyl-dimethyl Benzene isomer	22.55	59	J
9.	C11H20 isomer	22.78	75	J
10.	Benzene isomer	23.35	73	J
11. 006044-71-9	Dodecane, 6-methyl	23.46	180	JN
12.	Unknown	23.65	58	J
13.	Unknown	24.61	160	J
14.	Unknown	25.43	63	J
15.	trimethyl Dodecane isomer	26.47	130	J

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FORM I VOA-TIC

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NYSDOH 10142

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-7

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-014

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7907.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 12.7 Date Analyzed: 6/20/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U J	11
74-83-9	Bromomethane		U J	11
75-01-4	Vinyl Chloride		U J	11
75-00-3	Chloroethane		U J	11
75-09-2	Methylene Chloride	9	J J	11
67-64-1	Acetone	15	J J	11
75-15-0	Carbon Disulfide	2	J J	11
75-35-4	1,1-Dichloroethene		U J	11
75-34-4	1,1-Dichloroethane		U J	11
67-66-3	Chloroform		U J	11
107-06-2	1,2-Dichloroethane		U J	11
78-93-3	2-Butanone	2	J J	11
108-05-4	Vinyl Acetate		U J	11
71-55-6	1,1,1-Trichloroethane		U J	11
56-23-5	Carbon Tetrachloride		U J	11
75-27-4	Bromodichloromethane		U J	11
78-87-5	1,2-Dichloropropane		U J	11
10061-01-5	cis-1,3-Dichloropropene		U J	11
79-01-6	Trichloroethene		U J	11
71-43-2	Benzene	2	J J	11
124-48-1	Dibromochloromethane		U J	11
110-75-8	2-Chloroethylvinylether		U J	11
10061-02-6	trans-1,3-Dichloropropene		U J	11
79-00-5	1,1,2-Trichloroethane		U J	11
75-25-2	Bromoform		U J	11
108-10-1	4-Methyl-2-Pentanone		U J	11
591-78-6	2-Hexanone		U J	11
127-18-4	Tetrachloroethene		U J	11
79-34-5	1,1,2,2-Tetrachloroethane		U J	11
108-88-3	Toluene	2	J J	11
108-90-7	Chlorobenzene		U J	11
100-41-4	Ethylbenzene		U J	11
100-42-5	Styrene		U J	11
541-73-1	1,3-Dichlorobenzene		U J	11
106-46-7	1,4-Dichlorobenzene		U J	11
95-50-1	1,2-Dichlorobenzene		U J	11
1330-20-7	Xylenes, total	2	J J	11
540-59-0	Total-1,2-Dichloroethene		U J	11

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-7

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-014

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7907.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 12.7 Date Analyzed: 6/20/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGNumber TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	C10H22 isomer	18.53	24	J
2.	C10H20 isomer	19.28	28	J
3.	C7H12 isomer	19.48	21	J
4.	Unknown	19.58	60	J
5. 004291-79-6	Cyclohexane, 1-methyl-2-propyl-	19.69	19	JN
6. 002847-72-5	Decane, 4-methyl-	20.05	37	JN
7.	ethyl-dimethyl Benzene isomer	21.30	27	J
8.	Unknown CnH2n+2	21.44	79	J
9.	C10H14 isomer	21.79	22	J
10.	C10H14 isomer	22.13	26	J
11.	C10H14 isomer	22.42	30	J
12.	ethyl-dimethyl Benzene isomer	22.64	45	J
13.	diethyl-methyl Benzene isomer	22.77	25	J
14.	Benzene isomer	23.36	48	J
15.	C10H12 isomer	23.41	20	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-7RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-014RE
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7927.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 12.7 Date Analyzed: 6/21/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

74-87-3	Chloromethane		U	11
74-83-9	Bromomethane		U	11
75-01-4	Vinyl Chloride		U	11
75-00-3	Chloroethane		U	11
75-09-2	Methylene Chloride	7	J	11
67-64-1	Acetone	9	J	11
75-15-0	Carbon Disulfide	2	J	11
75-35-4	1,1-Dichloroethene		U	11
75-34-4	1,1-Dichloroethane		U	11
67-66-3	Chloroform		U	11
107-06-2	1,2-Dichloroethane		U	11
78-93-3	2-Butanone	2	J	11
108-05-4	Vinyl Acetate		U	11
71-55-6	1,1,1-Trichloroethane		U	11
56-23-5	Carbon Tetrachloride		U	11
75-27-4	Bromodichloromethane		U	11
78-87-5	1,2-Dichloropropane		U	11
10061-01-5	cis-1,3-Dichloropropene		U	11
79-01-6	Trichloroethene		U	11
71-43-2	Benzene	1	J	11
124-48-1	Dibromochloromethane		U	11
110-75-8	2-Chloroethylvinylether		U	11
10061-02-6	trans-1,3-Dichloropropene		U	11
79-00-5	1,1,2-Trichloroethane		U	11
75-25-2	Bromoform		U	11
108-10-1	4-Methyl-2-Pentanone		U	11
591-78-6	2-Hexanone		U	11
127-18-4	Tetrachloroethene		U	11
79-34-5	1,1,2,2-Tetrachloroethane		U	11
108-88-3	Toluene	2	J	11
108-90-7	Chlorobenzene		U	11
100-41-4	Ethylbenzene		U	11
100-42-5	Styrene		U	11
541-73-1	1,3-Dichlorobenzene		U	11
106-46-7	1,4-Dichlorobenzene		U	11
95-50-1	1,2-Dichlorobenzene		U	11
540-59-0	Total-1,2-Dichloroethene		U	11
1330-20-7	Xylenes, total		U	11

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-7RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-014RE
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7927.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 12.7 Date Analyzed: 6/21/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	C10H22 isomer	18.30	24	J
2.	C10H22 isomer	18.53	30	J
3.	Unknown CnH2n	19.29	32	J
4.	Unknown	19.48	25	J
5.	Unknown	19.59	120	J
6.	Unknown Cyclohexane	19.69	30	J
7. 002847-72-5	Decane, 4-methyl-	20.05	47	JN
8.	Unknown Cyclohexane	20.61	31	J
9.	Unknown CnH2n+2	20.68	23	J
10.	Unknown CnH2n+2	21.44	92	J
11.	Benzene isomer	21.80	24	J
12. 003479-89-8	1,3,5-Cycloheptatriene, 3,7,7-trim	22.13	22	JN
13.	Benzene isomer	22.42	34	J
14.	Benzene isomer	22.64	37	J
15.	Benzene isomer	23.36	43	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-6

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-015
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7910.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 18.9 Date Analyzed: 6/20/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	12
74-83-9	Bromomethane		U	12
75-01-4	Vinyl Chloride		U	12
75-00-3	Chloroethane		U	12
75-09-2	Methylene Chloride	11	J	12
67-64-1	Acetone	13		12
75-15-0	Carbon Disulfide	4	J	12
75-35-4	1,1-Dichloroethene		U	12
75-34-4	1,1-Dichloroethane		U	12
67-66-3	Chloroform		U	12
107-06-2	1,2-Dichloroethane		U	12
78-93-3	2-Butanone		U	12
108-05-4	Vinyl Acetate		U	12
71-55-6	1,1,1-Trichloroethane		U	12
56-23-5	Carbon Tetrachloride		U	12
75-27-4	Bromodichloromethane		U	12
78-87-5	1,2-Dichloropropane		U	12
10061-01-5	cis-1,3-Dichloropropene		U	12
79-01-6	Trichloroethene		U	12
71-43-2	Benzene	5	J	12
124-48-1	Dibromochloromethane		U	12
110-75-8	2-Chloroethylvinylether		U	12
10061-02-6	trans-1,3-Dichloropropene		U	12
79-00-5	1,1,2-Trichloroethane		U	12
75-25-2	Bromoform		U	12
108-10-1	4-Methyl-2-Pentanone		U	12
591-78-6	2-Hexanone		U	12
127-18-4	Tetrachloroethene		U	12
79-34-5	1,1,2,2-Tetrachloroethane		U	12
108-88-3	Toluene	4	J	12
108-90-7	Chlorobenzene	6	J	12
100-41-4	Ethylbenzene	18	J	12
100-42-5	Styrene		U	12
541-73-1	1,3-Dichlorobenzene		U	12
106-46-7	1,4-Dichlorobenzene	17	J	12
95-50-1	1,2-Dichlorobenzene	3	J	12
540-59-0	Total-1,2-Dichloroethene		U	12
1330-20-7	Xylenes, total	96	J	12

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-6

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-015
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7910.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 18.9 Date Analyzed: 6/20/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown CnH2n	18.09	53	J
2.	C10H22 isomer	18.30	46	J
3.	C10H22 isomer	18.53	50	J
4.	C10H16 isomer	19.19	57	J
5.	Unknown CnH2n	19.29	40	J
6.	C10H20 isomer	19.61	83	J
7.	C11H24 isomer	20.05	76	J
8.	Unknown CnH2n+2	20.55	64	J
9.	Unknown Cyclohexane	20.61	43	J
10. 013151-35-4	Decane, 5-methyl-	20.69	41	JN
11.	Unknown CnH2n+2	20.93	81	J
12.	Benzene isomer	21.80	52	J
13.	Unknown	22.13	45	J
14.	C11H20 isomer	22.43	44	J
15.	Benzene isomer	23.36	42	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-6RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-015RE
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7928.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 18.9 Date Analyzed: 6/21/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

74-87-3	Chloromethane		U	12
74-83-9	Bromomethane		U	12
75-01-4	Vinyl Chloride		U	12
75-00-3	Chloroethane		U	12
75-09-2	Methylene Chloride	10	J	12
67-64-1	Acetone	13		12
75-15-0	Carbon Disulfide	4	J	12
75-35-4	1,1-Dichloroethene		U	12
75-34-4	1,1-Dichloroethane		U	12
67-66-3	Chloroform		U	12
107-06-2	1,2-Dichloroethane		U	12
78-93-3	2-Butanone		U	12
108-05-4	Vinyl Acetate		U	12
71-55-6	1,1,1-Trichloroethane		U	12
56-23-5	Carbon Tetrachloride		U	12
75-27-4	Bromodichloromethane		U	12
78-87-5	1,2-Dichloropropane		U	12
10061-01-5	cis-1,3-Dichloropropene		U	12
79-01-6	Trichloroethene		U	12
71-43-2	Benzene	4	J	12
124-48-1	Dibromochloromethane		U	12
110-75-8	2-Chloroethylvinylether		U R	12
10061-02-6	trans-1,3-Dichloropropene		U	12
79-00-5	1,1,2-Trichloroethane		U	12
75-25-2	Bromoform		U	12
108-10-1	4-Methyl-2-Pentanone		U	12
591-78-6	2-Hexanone		U	12
127-18-4	Tetrachloroethene		U	12
79-34-5	1,1,2,2-Tetrachloroethane		U	12
108-88-3	Toluene	4	J	12
108-90-7	Chlorobenzene	6	J	12
100-41-4	Ethylbenzene	13		12
100-42-5	Styrene		U	12
541-73-1	1,3-Dichlorobenzene		U	12
106-46-7	1,4-Dichlorobenzene	18		12
95-50-1	1,2-Dichlorobenzene	3	J	12
1330-20-7	Xylenes, total	71		12
540-59-0	Total-1,2-Dichloroethene		U	12

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-6RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-015RE
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7928.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 18.9 Date Analyzed: 6/21/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown Cyclohexane	18.09	31	J
2.	C10H22 isomer	18.30	26	J
3. 004551-51-3	1H-Indene, octahydro-, cis-	18.48	24	JN
4.	C7H14 isomer	18.54	28	J
5.	C10H16 isomer	19.19	37	J
6.	C10H20 isomer	19.61	53	J
7.	C11H24 isomer	20.05	40	J
8.	Unknown CnH2n+2	20.55	31	J
9.	trimethyl Hexane isomer	20.93	49	J
10.	C9H10 isomer	21.24	26	J
11.	Unknown	22.13	34	J
12.	Benzene isomer	22.42	27	J
13.	Benzene isomer	23.36	34	J
14.	Unknown	24.61	25	J
15.	C11H10 isomer	27.07	24	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

TP-9

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-016

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7912.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 18.1 Date Analyzed: 6/20/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	12
74-83-9	Bromomethane		U	12
75-01-4	Vinyl Chloride		U	12
75-00-3	Chloroethane		U	12
75-09-2	Methylene Chloride	2	J	12
67-64-1	Acetone	28		12
75-15-0	Carbon Disulfide	0.8	J	12
75-35-4	1,1-Dichloroethene		U	12
75-34-4	1,1-Dichloroethane		U	12
67-66-3	Chloroform		U	12
107-06-2	1,2-Dichloroethane		U	12
78-93-3	2-Butanone	4	J	12
108-05-4	Vinyl Acetate		U	12
71-55-6	1,1,1-Trichloroethane		U	12
56-23-5	Carbon Tetrachloride		U	12
75-27-4	Bromodichloromethane		U	12
78-87-5	1,2-Dichloropropane		U	12
10061-01-5	cis-1,3-Dichloropropene		U	12
79-01-6	Trichloroethene		U	12
71-43-2	Benzene	2	J	12
124-48-1	Dibromochloromethane		U	12
110-75-8	2-Chloroethylvinylether		U R	12
10061-02-6	trans-1,3-Dichloropropene		U	12
79-00-5	1,1,2-Trichloroethane		U	12
75-25-2	Bromoform		U	12
108-10-1	4-Methyl-2-Pentanone		U	12
591-78-6	2-Hexanone		U	12
127-18-4	Tetrachloroethene		U	12
79-34-5	1,1,2,2-Tetrachloroethane		U	12
108-88-3	Toluene	2	J	12
108-90-7	Chlorobenzene		U	12
100-41-4	Ethylbenzene	500	E J	12
100-42-5	Styrene	7	J	12
541-73-1	1,3-Dichlorobenzene		U	12
106-46-7	1,4-Dichlorobenzene		U	12
95-50-1	1,2-Dichlorobenzene	2	J	12
1330-20-7	Xylenes, total	26		12
540-59-0	Total-1,2-Dichloroethene		U	12

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-9

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-016
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7912.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 18.1 Date Analyzed: 6/20/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	C10H22 isomer	18.53	95	J
2.	Unknown CnH2n	19.29	110	J
3.	C9H12 isomer	19.49	99	J
4.	C9H18 isomer	19.61	140	J
5.	Unknown Cyclohexane	19.70	83	J
6.	C11H24 isomer	20.05	140	J
7.	Unknown Cyclohexane	20.61	97	J
8.	C11H24 isomer	20.68	84	J
9.	Unknown	21.80	99	J
10.	ethyl-dimethyl Benzene isomer	21.91	91	J
11.	C11H20 isomer	22.43	120	J
12.	Unknown	22.47	85	J
13.	C11H20 isomer	22.78	98	J
14. 000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	23.36	91	JN
15.	C10H8 isomer	24.62	200	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-9DL

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-016DL
 Sample wt/vol: 1.0 (g/ml) G Lab File ID: X7929.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 18.1 Date Analyzed: 6/21/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	61
74-83-9	Bromomethane		U	61
75-01-4	Vinyl Chloride		U	61
75-00-3	Chloroethane		U	61
75-09-2	Methylene Chloride	6	JD	61
67-64-1	Acetone	33	JD	61
75-15-0	Carbon Disulfide		U	61
75-35-4	1,1-Dichloroethene		U	61
75-34-4	1,1-Dichloroethane		U	61
67-66-3	Chloroform		U	61
107-06-2	1,2-Dichloroethane		U	61
78-93-3	2-Butanone		U	61
108-05-4	Vinyl Acetate		U	61
71-55-6	1,1,1-Trichloroethane		U	61
56-23-5	Carbon Tetrachloride		U	61
75-27-4	Bromodichloromethane		U	61
78-87-5	1,2-Dichloropropane		U	61
10061-01-5	cis-1,3-Dichloropropene		U	61
79-01-6	Trichloroethene		U	61
71-43-2	Benzene		U	61
124-48-1	Dibromochloromethane		U	61
110-75-8	2-Chloroethylvinylether		U R	61
10061-02-6	trans-1,3-Dichloropropene		U	61
79-00-5	1,1,2-Trichloroethane		U	61
75-25-2	Bromoform		U	61
108-10-1	4-Methyl-2-Pentanone		U	61
591-78-6	2-Hexanone		U	61
127-18-4	Tetrachloroethene		U	61
79-34-5	1,1,2,2-Tetrachloroethane		U	61
108-88-3	Toluene		U	61
108-90-7	Chlorobenzene		U	61
100-41-4	Ethylbenzene	630	D	61
100-42-5	Styrene		U	61
541-73-1	1,3-Dichlorobenzene		U	61
106-46-7	1,4-Dichlorobenzene		U	61
95-50-1	1,2-Dichlorobenzene		U	61
540-59-0	Total-1,2-Dichloroethene		U	61
1330-20-7	Xylenes, total	7	JD	61

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-11

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-017

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7918A.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 22.4 Date Analyzed: 6/21/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	13
74-83-9	Bromomethane		U	13
75-01-4	Vinyl Chloride		U	13
75-00-3	Chloroethane	32		13
75-09-2	Methylene Chloride	3	J	13
67-64-1	Acetone	36		13
75-15-0	Carbon Disulfide	2	J	13
75-35-4	1,1-Dichloroethene		U	13
75-34-4	1,1-Dichloroethane		U	13
67-66-3	Chloroform		U	13
107-06-2	1,2-Dichloroethane		U	13
78-93-3	2-Butanone	4	J	13
108-05-4	Vinyl Acetate		U	13
71-55-6	1,1,1-Trichloroethane		U	13
56-23-5	Carbon Tetrachloride		U	13
75-27-4	Bromodichloromethane		U	13
78-87-5	1,2-Dichloropropane		U	13
10061-01-5	cis-1,3-Dichloropropene		U	13
79-01-6	Trichloroethene		U	13
71-43-2	Benzene	6	J	13
124-48-1	Dibromochloromethane		U	13
110-75-8	2-Chloroethylvinylether		U	13
10061-02-6	trans-1,3-Dichloropropene		U	13
79-00-5	1,1,2-Trichloroethane		U	13
75-25-2	Bromoform		U	13
108-10-1	4-Methyl-2-Pentanone		U	13
591-78-6	2-Hexanone		U	13
127-18-4	Tetrachloroethene		U	13
79-34-5	1,1,2,2-Tetrachloroethane		U	13
108-88-3	Toluene	3	J	13
108-90-7	Chlorobenzene		U	13
100-41-4	Ethylbenzene	4	J	13
100-42-5	Styrene		U	13
541-73-1	1,3-Dichlorobenzene		U	13
106-46-7	1,4-Dichlorobenzene		U	13
95-50-1	1,2-Dichlorobenzene		U	13
1330-20-7	Xylenes, total	12	J	13
540-59-0	Total-1,2-Dichloroethene		U	13

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-11

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-017
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7918A.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 22.4 Date Analyzed: 6/21/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000071-23-8	1-Propanol	9.95	240	JN
2.	C10H22 isomer	19.58	64	J
3.	Unknown Cyclohexane	20.60	56	J
4.	C11H24 isomer	20.68	72	J
5.	Unknown CnH2n+2	20.95	62	J
6.	Unknown CnH2n+2	21.44	350	J
7.	Unknown CnH2n+2	21.79	120	J
8.	Benzene isomer	21.90	76	J
9.	Unknown CnH2n+2	21.97	58	J
10.	C11H20 isomer	22.43	140	J
11.	Unknown	22.55	55	J
12.	C11H20 isomer	22.78	67	J
13. 1000152-47-3	trans-Decalin, 2-methyl-	22.90	52	JN
14.	Unknown CnH2n+2	23.20	68	J
15.	Benzene isomer	23.36	63	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-10

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-018
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7919A.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 18.4 Date Analyzed: 6/21/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

74-87-3	Chloromethane		U	12
74-83-9	Bromomethane		U	12
75-01-4	Vinyl Chloride		U	12
75-00-3	Chloroethane		U	12
75-09-2	Methylene Chloride	1	J	12
67-64-1	Acetone	8	J	12
75-15-0	Carbon Disulfide		U	12
75-35-4	1,1-Dichloroethene		U	12
75-34-4	1,1-Dichloroethane		U	12
67-66-3	Chloroform		U	12
107-06-2	1,2-Dichloroethane		U	12
78-93-3	2-Butanone		U	12
108-05-4	Vinyl Acetate		U	12
71-55-6	1,1,1-Trichloroethane		U	12
56-23-5	Carbon Tetrachloride		U	12
75-27-4	Bromodichloromethane		U	12
78-87-5	1,2-Dichloropropane		U	12
10061-01-5	cis-1,3-Dichloropropene		U	12
79-01-6	Trichloroethene		U	12
71-43-2	Benzene		U	12
124-48-1	Dibromochloromethane		U	12
110-75-8	2-Chloroethylvinylether		U R	12
10061-02-6	trans-1,3-Dichloropropene		U	12
79-00-5	1,1,2-Trichloroethane		U	12
75-25-2	Bromoform		U	12
108-10-1	4-Methyl-2-Pentanone		U	12
591-78-6	2-Hexanone		U	12
127-18-4	Tetrachloroethene		U	12
79-34-5	1,1,2,2-Tetrachloroethane		U	12
108-88-3	Toluene		U	12
108-90-7	Chlorobenzene		U	12
100-41-4	Ethylbenzene	19		12
100-42-5	Styrene		U	12
541-73-1	1,3-Dichlorobenzene		U	12
106-46-7	1,4-Dichlorobenzene		U	12
95-50-1	1,2-Dichlorobenzene		U	12
1330-20-7	Xylenes, total	5	J	12
540-59-0	Total-1,2-Dichloroethene		U	12

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-10

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-018
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7919A.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 18.4 Date Analyzed: 6/21/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000071-23-8	1-Propanol	9.95	140	JN
2.	Unknown CnH2n+2	18.53	20	J
3.	Unknown CnH2n	19.59	75	J
4.	C11H24 isomer	20.04	28	J
5.	trimethyl Decane isomer	20.12	32	J
6.	Unknown CnH2n+2	20.68	25	J
7.	Unknown CnH2n+2	20.80	19	J
8.	ethyl-methyl Benzene isomer	20.89	21	J
9.	Unknown CnH2n+2	21.44	93	J
10.	C12H26 isomer	21.78	38	J
11.	ethyl-dimethyl Benzene isomer	21.91	23	J
12.	Unknown	22.12	28	J
13. 1000152-47-3	trans-Decalin, 2-methyl-	22.43	52	JN
14.	Unknown CnH2n+2	23.20	24	J
15.	Benzene isomer	23.36	24	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-10A

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-019

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7916.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 19 Date Analyzed: 6/20/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	12
74-83-9	Bromomethane		U	12
75-01-4	Vinyl Chloride		U	12
75-00-3	Chloroethane		U	12
75-09-2	Methylene Chloride	6	J	12
67-64-1	Acetone	40		12
75-15-0	Carbon Disulfide	6	J	12
75-35-4	1,1-Dichloroethene		U	12
75-34-4	1,1-Dichloroethane		U	12
67-66-3	Chloroform		U	12
107-06-2	1,2-Dichloroethane		U	12
78-93-3	2-Butanone	4	J	12
108-05-4	Vinyl Acetate		U	12
71-55-6	1,1,1-Trichloroethane		U	12
56-23-5	Carbon Tetrachloride		U	12
75-27-4	Bromodichloromethane		U	12
78-87-5	1,2-Dichloropropane		U	12
10061-01-5	cis-1,3-Dichloropropene		U	12
79-01-6	Trichloroethene		U	12
71-43-2	Benzene	3	J	12
124-48-1	Dibromochloromethane		U	12
110-75-8	2-Chloroethylvinylether		U R	12
10061-02-6	trans-1,3-Dichloropropene		U	12
79-00-5	1,1,2-Trichloroethane		U	12
75-25-2	Bromoform		U	12
108-10-1	4-Methyl-2-Pentanone	2	J	12
591-78-6	2-Hexanone		U	12
127-18-4	Tetrachloroethene		U	12
79-34-5	1,1,2,2-Tetrachloroethane		U	12
108-88-3	Toluene	3	J	12
108-90-7	Chlorobenzene		U	12
100-41-4	Ethylbenzene	4	J	12
100-42-5	Styrene		U	12
541-73-1	1,3-Dichlorobenzene		U	12
106-46-7	1,4-Dichlorobenzene		U	12
95-50-1	1,2-Dichlorobenzene		U	12
1330-20-7	Xylenes, total	13		12
540-59-0	Total-1,2-Dichloroethene		U	12

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-10A

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-019

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7916.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: not dec. 19 Date Analyzed: 6/20/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGNumber TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown CnH2n+2	20.12	99	J
2. 013151-35-4	Decane, 5-methyl-	20.69	110	JN
3. 006975-98-0	Decane, 2-methyl-	20.80	110	JN
4. 013151-34-3	Decane, 3-methyl-	20.95	210	JN
5. 001120-21-4	Undecane	21.45	410	JN
6.	C12H26 isomer	21.78	180	J
7.	C12H26 isomer	22.10	88	J
8. 1000152-47-3	trans-Decalin, 2-methyl-	22.43	240	JN
9. 007045-71-8	Undecane, 2-methyl-	22.56	90	JN
10.	C12H26 isomer	22.72	86	J
11.	C11H20 isomer	22.78	130	J
12. 000112-40-3	Dodecane	23.20	210	JN
13.	ethyl-dimethyl Benzene isomer	23.36	110	J
14. 006044-71-9	Dodecane,6-methyl-	23.47	120	JN
15.	C10H12 isomer	23.73	94	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-3

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-020
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7917.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 25.4 Date Analyzed: 6/20/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

74-87-3	Chloromethane		U	13
74-83-9	Bromomethane		U	13
75-01-4	Vinyl Chloride		U	13
75-00-3	Chloroethane		U	13
75-09-2	Methylene Chloride	5	J	13
67-64-1	Acetone	25		13
75-15-0	Carbon Disulfide	3	J	13
75-35-4	1,1-Dichloroethene		U	13
75-34-4	1,1-Dichloroethane		U	13
67-66-3	Chloroform		U	13
107-06-2	1,2-Dichloroethane		U	13
78-93-3	2-Butanone	3	J	13
108-05-4	Vinyl Acetate		U	13
71-55-6	1,1,1-Trichloroethane		U	13
56-23-5	Carbon Tetrachloride		U	13
75-27-4	Bromodichloromethane		U	13
78-87-5	1,2-Dichloropropane		U	13
10061-01-5	cis-1,3-Dichloropropene		U	13
79-01-6	Trichloroethene		U	13
71-43-2	Benzene	2	J	13
124-48-1	Dibromochloromethane		U	13
110-75-8	2-Chloroethylvinylether		U R	13
10061-02-6	trans-1,3-Dichloropropene		U	13
79-00-5	1,1,2-Trichloroethane		U	13
75-25-2	Bromoform		U	13
108-10-1	4-Methyl-2-Pentanone		U	13
591-78-6	2-Hexanone		U	13
127-18-4	Tetrachloroethene		U	13
79-34-5	1,1,2,2-Tetrachloroethane		U	13
108-88-3	Toluene	3	J	13
108-90-7	Chlorobenzene		U	13
100-41-4	Ethylbenzene		U	13
100-42-5	Styrene		U	13
541-73-1	1,3-Dichlorobenzene		U	13
106-46-7	1,4-Dichlorobenzene		U	13
95-50-1	1,2-Dichlorobenzene		U	13
1330-20-7	Xylenes, total	5	J	13
540-59-0	Total-1,2-Dichloroethene		U	13

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-3

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-020
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7917.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: not dec. 25.4 Date Analyzed: 6/20/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 11

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	9.54	7	JN
2. 000071-23-8	1-Propanol	9.95	49	JN
3.	Unknown	19.61	77	J
4.	Unknown	22.43	8	J
5.	C13H28 isomer	23.46	11	J
6.	C14H30 isomer	24.61	30	J
7.	Unknown	25.29	7	J
8.	Unknown CnH2n+2	25.43	9	J
9.	Unknown	25.57	8	J
10.	Unknown CnH2n+2	26.47	24	J
11.	Unknown CnH2n+2	28.12	12	J

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-5

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-001

Sample wt/vol: 30.12 (g/ml) G Lab File ID: E72151.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 19.5 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.82 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	410
108-95-2	Phenol	990		410
95-57-8	2-Chlorophenol		U	410
541-73-1	1,3-Dichlorobenzene		U	410
106-46-7	1,4-Dichlorobenzene	120	J	410
95-50-1	1,2-Dichlorobenzene		U	410
100-51-6	Benzyl alcohol		U	410
108-60-1	2,2'-oxybis(1-Chloropropane)		U	410
95-48-7	2-Methylphenol	730		410
67-72-1	Hexachloroethane		U	410
621-64-7	N-Nitroso-di-n-propylamine		U	410
106-44-5	4-Methylphenol	870		410
98-95-3	Nitrobenzene		U	410
78-59-1	Isophorone		U	410
88-75-5	2-Nitrophenol		U	410
105-67-9	2,4-Dimethylphenol	610		410
111-91-1	bis(2-Chloroethoxy)methane		U	410
120-83-2	2,4-Dichlorophenol		U	410
120-82-1	1,2,4-Trichlorobenzene	160	J	410
91-20-3	Naphthalene	1100		410
106-47-8	4-Chloroaniline		U	410
87-68-3	Hexachlorobutadiene		U	410
59-50-7	4-Chloro-3-methylphenol		U	410
91-57-6	2-Methylnaphthalene	1200		410
77-47-4	Hexachlorocyclopentadiene		U	410
88-06-2	2,4,6-Trichlorophenol		U	410
95-95-4	2,4,5-Trichlorophenol		U	1000
91-58-7	2-Chloronaphthalene		U	410
88-74-4	2-Nitroaniline		U	1000
208-96-8	Acenaphthylene		U	410
131-11-3	Dimethylphthalate		U	410
606-20-2	2,6-Dinitrotoluene		U	410
83-32-9	Acenaphthene	200	J	410
99-09-2	3-Nitroaniline		U	1000
51-28-5	2,4-Dinitrophenol		U	1000
132-64-9	Dibenzofuran	280	J	410
121-14-2	2,4-Dinitrotoluene		U	410

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FORM I SV-1

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-5

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-001
 Sample wt/vol: 30.12 (g/ml) G Lab File ID: E72151.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 19.5 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.82 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

100-02-7	4-Nitrophenol		U	1000
86-73-7	Fluorene	490		410
7005-72-3	4-Chlorophenyl-phenylether		U	410
84-66-2	Diethylphthalate		U	410
100-01-6	4-Nitroaniline		U	1000
534-52-1	4,6-Dinitro-2-methylphenol		U	1000
86-30-6	n-Nitrosodiphenylamine (1)		U	410
101-55-3	4-Bromophenyl-phenylether		U	410
118-74-1	Hexachlorobenzene		U	410
87-86-5	Pentachlorophenol		U	1000
85-01-8	Phenanthrene	1300		410
120-12-7	Anthracene	250	J	410
84-74-2	Di-n-butylphthalate		U	410
206-44-0	Fluoranthene	300	J	410
129-00-0	Pyrene	550		410
85-68-7	Butylbenzylphthalate		U	410
91-94-1	3,3'-Dichlorobenzidine		U	410
56-55-3	Benzo(a)anthracene	140	J	410
218-01-9	Chrysene	230	J	410
117-81-7	bis(2-Ethylhexyl)phthalate	1400		410
117-84-0	Di-n-octylphthalate		U	410
205-99-2	Benzo(b)fluoranthene	190	J	410
207-08-9	Benzo(k)fluoranthene	70	J	410
50-32-8	Benzo(a)pyrene	130	J	410
193-39-5	Indeno(1,2,3-cd)pyrene	53	J	410
62-75-9	n-Nitrosodimethylamine		U	410
53-70-3	Dibenz(a,h)anthracene		U	410
191-24-2	Benzo(g,h,i)perylene	100	J	410

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FORM 1 SV-2

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-5

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-001
 Sample wt/vol: 30.12 (g/ml) G Lab File ID: E72151.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 19.5 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.82

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.31	18000	JN
2. 000100-41-4	Ethylbenzene	5.45	3100	JN
3. 000124-18-5	Decane	7.63	4100	JN
4. 000620-14-4	Benzene, 1-ethyl-3-methyl-	8.03	1100	JN
5. 006975-98-0	Decane, 2-methyl-	8.57	1100	JN
6. 013151-34-3	Decane, 3-methyl-	8.67	1000	JN
7.	C10H14 isomer	8.93	1000	J
8. 001120-21-4	Undecane	9.10	3700	JN
9.	C10H14 isomer	9.44	920	J
10.	C11H22 isomer	9.63	970	J
11.	C10H14 isomer	9.87	1100	J
12. 000090-12-0	Naphthalene, 1-methyl-	11.97	800	JN
13.	Unknown CnH2n+2	15.33	800	J
14. 000629-78-7	Heptadecane	15.87	8500	JN
15.	Unknown CnH2n+2	16.78	3300	J
16. 026730-12-1	Tridecane, 4-methyl-	16.85	4300	JN
17.	C16H22O4 isomer	17.36	3000	J
18. 000629-59-4	Tetradecane	17.55	1000	JN
19.	Unknown CnH2n+2	17.66	3500	J
20. 000112-95-8	Eicosane	18.50	2100	JN

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-5RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-001RE
 Sample wt/vol: 30.12 (g/ml) G Lab File ID: E72171.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 19.5 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.82 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	410
108-95-2	Phenol	980		410
95-57-8	2-Chlorophenol		U	410
541-73-1	1,3-Dichlorobenzene		U	410
106-46-7	1,4-Dichlorobenzene	110	J	410
95-50-1	1,2-Dichlorobenzene		U	410
100-51-6	Benzyl alcohol		U	410
108-60-1	2,2'-oxybis(1-Chloropropane)		U	410
95-48-7	2-Methylphenol	760		410
67-72-1	Hexachloroethane		U	410
621-64-7	N-Nitroso-di-n-propylamine		U	410
106-44-5	4-Methylphenol	830		410
98-95-3	Nitrobenzene		U	410
78-59-1	Isophorone		U	410
88-75-5	2-Nitrophenol		U	410
105-67-9	2,4-Dimethylphenol	610		410
111-91-1	bis(2-Chloroethoxy)methane		U	410
120-83-2	2,4-Dichlorophenol		U	410
120-82-1	1,2,4-Trichlorobenzene	160	J	410
91-20-3	Naphthalene	1100		410
106-47-8	4-Chloroaniline		U	410
87-68-3	Hexachlorobutadiene		U	410
59-50-7	4-Chloro-3-methylphenol		U	410
91-57-6	2-Methylnaphthalene	1200		410
77-47-4	Hexachlorocyclopentadiene		U R	410
88-06-2	2,4,6-Trichlorophenol		U	410
95-95-4	2,4,5-Trichlorophenol		U	1000
91-58-7	2-Chloronaphthalene		U	410
88-74-4	2-Nitroaniline		U	1000
208-96-8	Acenaphthylene		U	410
131-11-3	Dimethylphthalate		U	410
606-20-2	2,6-Dinitrotoluene		U	410
83-32-9	Acenaphthene	200	J	410
99-09-2	3-Nitroaniline		U	1000
51-28-5	2,4-Dinitrophenol		U	1000
132-64-9	Dibenzofuran	260	J	410
121-14-2	2,4-Dinitrotoluene		U	410

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-5RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-001RE
 Sample wt/vol: 30.12 (g/ml) G Lab File ID: E72171.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 19.5 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.82 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1000
86-73-7	Fluorene	450		410
7005-72-3	4-Chlorophenyl-phenylether		U	410
84-66-2	Diethylphthalate		U	410
100-01-6	4-Nitroaniline		U	1000
534-52-1	4,6-Dinitro-2-methylphenol		U	1000
86-30-6	n-Nitrosodiphenylamine (1)		U	410
101-55-3	4-Bromophenyl-phenylether		U	410
118-74-1	Hexachlorobenzene		U	410
87-86-5	Pentachlorophenol		U	1000
85-01-8	Phenanthrene	1300		410
120-12-7	Anthracene	260	J	410
84-74-2	Di-n-butylphthalate	660		410
206-44-0	Fluoranthene	300	J	410
129-00-0	Pyrene	700	J	410
85-68-7	Butylbenzylphthalate		U J	410
91-94-1	3,3'-Dichlorobenzidine		U J	410
56-55-3	Benzo(a)anthracene	140	J J	410
218-01-9	Chrysene	240	J J	410
117-81-7	bis(2-Ethylhexyl)phthalate	1500	J	410
117-84-0	Di-n-octylphthalate		U J	410
205-99-2	Benzo(b)fluoranthene	220	J J	410
207-08-9	Benzo(k)fluoranthene	76	J J	410
50-32-8	Benzo(a)pyrene	140	J J	410
193-39-5	Indeno(1,2,3-cd)pyrene	58	J J	410
62-75-9	n-Nitrosodimethylamine		U J	410
53-70-3	Dibenz(a,h)anthracene	54	J J	410
191-24-2	Benzo(g,h,i)perylene	100	J J	410

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FORM I SV-2

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-5RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-001RE
 Sample wt/vol: 30.12 (g/ml) G Lab File ID: E72171.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 19.5 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.82

CONCENTRATION UNITS:

Number TICs found: 19 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.28	16000	JN
2. 000124-18-5	Decane	7.61	4000	JN
3.	ethylmethylbenzene isomer	8.00	1000	J
4. 013151-34-3	Decane, 3-methyl-	8.65	900	JN
5.	C10H14 isomer	8.91	930	J
6. 001120-21-4	Undecane	9.08	3200	JN
7.	C10H14 isomer	9.41	800	J
8.	C10H14 isomer	9.85	1100	J
9. 000544-76-3	Hexadecane	14.87	840	JN
10.	Unknown CnH2n+2	15.31	820	J
11.	Unknown CnH2n+2	15.86	5700	J
12.	Unknown CnH2n+2	16.77	3300	J
13.	Unknown CnH2n+2	16.83	3500	J
14.	Unknown phthalate	17.34	2600	J
15.	Unknown CnH2n+2	17.53	1300	J
16.	Unknown CnH2n+2	17.64	2800	J
17.	Unknown CnH2n	18.30	1300	J
18.	Unknown CnH2n+2	18.48	1700	J
19.	Unknown	19.08	1900	J

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-4

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-002
 Sample wt/vol: 30.65 (g/ml) G Lab File ID: E72166.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 27.7 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.97 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

111-44-4	bis(2-Chloroethyl)ether		U	450
108-95-2	Phenol	240	J	450
95-57-8	2-Chlorophenol		U	450
541-73-1	1,3-Dichlorobenzene		U	450
106-46-7	1,4-Dichlorobenzene		U	450
95-50-1	1,2-Dichlorobenzene		U	450
100-51-6	Benzyl alcohol		U	450
108-60-1	2,2'-oxybis(1-Chloropropane)		U	450
95-48-7	2-Methylphenol	84	J	450
67-72-1	Hexachloroethane		U	450
621-64-7	N-Nitroso-di-n-propylamine		U	450
106-44-5	4-Methylphenol	94	J	450
98-95-3	Nitrobenzene	3	J	450
78-59-1	Isophorone		U	450
88-75-5	2-Nitrophenol		U	450
105-67-9	2,4-Dimethylphenol	56	J	450
111-91-1	bis(2-Chloroethoxy)methane		U	450
120-83-2	2,4-Dichlorophenol		U	450
120-82-1	1,2,4-Trichlorobenzene		U	450
91-20-3	Naphthalene	370	J	450
106-47-8	4-Chloroaniline		U	450
87-68-3	Hexachlorobutadiene		U	450
59-50-7	4-Chloro-3-methylphenol		U	450
91-57-6	2-Methylnaphthalene	240	J	450
77-47-4	Hexachlorocyclopentadiene		U R	450
88-06-2	2,4,6-Trichlorophenol		U	450
95-95-4	2,4,5-Trichlorophenol		U	1100
91-58-7	2-Chloronaphthalene		U	450
88-74-4	2-Nitroaniline		U	1100
208-96-8	Acenaphthylene		U	450
131-11-3	Dimethylphthalate		U	450
606-20-2	2,6-Dinitrotoluene		U	450
83-32-9	Acenaphthene	840		450
99-09-2	3-Nitroaniline		U	1100
51-28-5	2,4-Dinitrophenol		U	1100
132-64-9	Dibenzofuran	510		450
121-14-2	2,4-Dinitrotoluene		U	450

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FORM LSV-1

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-4

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-002
 Sample wt/vol: 30.65 (g/ml) G Lab File ID: E72166.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 27.7 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.97 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1100
86-73-7	Fluorene	1000		450
7005-72-3	4-Chlorophenyl-phenylether		U	450
84-66-2	Diethylphthalate		U	450
100-01-6	4-Nitroaniline		U	1100
534-52-1	4,6-Dinitro-2-methylphenol		U	1100
86-30-6	n-Nitrosodiphenylamine (1)		U	450
101-55-3	4-Bromophenyl-phenylether		U	450
118-74-1	Hexachlorobenzene		U	450
87-86-5	Pentachlorophenol		U	1100
85-01-8	Phenanthrene	15000	E	450
120-12-7	Anthracene	3600	E	450
84-74-2	Di-n-butylphthalate		U	450
206-44-0	Fluoranthene	22000	E	450
129-00-0	Pyrene	40000	E	450
85-68-7	Butylbenzylphthalate		U	450
91-94-1	3,3'-Dichlorobenzidine		U	450
56-55-3	Benzo(a)anthracene	15000	E	450
218-01-9	Chrysene	14000	E	450
117-81-7	bis(2-Ethylhexyl)phthalate	820		450
117-84-0	Di-n-octylphthalate		U	450
205-99-2	Benzo(b)fluoranthene	17000	E	450
207-08-9	Benzo(k)fluoranthene	6300	E	450
50-32-8	Benzo(a)pyrene	11000	E	450
193-39-5	Indeno(1,2,3-cd)pyrene	4200	E	450
62-75-9	n-Nitrosodimethylamine		U	450
53-70-3	Dibenz(a,h)anthracene	1400		450
191-24-2	Benzo(g,h,i)perylene	4300	E	450

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-4

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-002
 Sample wt/vol: 30.65 (g/ml) G Lab File ID: E72166.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 27.7 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.97

CONCENTRATION UNITS:

Number TICs found: 21 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	C7H14 isomer	4.40	550	J
2. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.26	22000	JN
3.	C9H12 isomer	7.57	290	J
4. 074381-40-1	Propanoic acid, 2-methyl-, 1-(1,1-	14.76	310	JN
5.	Unknown CnH2n+2	14.84	500	J
6.	Unknown CnH2n+2	15.29	700	J
7. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	15.84	2300	JN
8. 000132-65-0	Dibenzothiophene	16.64	470	JN
9.	Unknown CnH2n+2	16.74	860	J
10.	Unknown CnH2n+2	16.79	900	J
11.	C13H9N isomer	17.11	430	J
12.	C13H9N isomer	17.32	290	J
13. 86-74-8	Carbazole	17.40	2800	JN
14. 000629-92-5	Nonadecane	17.60	590	JN
15.	C15H12 isomer	17.91	750	J
16.	C15H12 isomer	17.97	670	J
17.	Unknown	18.13	1400	J
18.	C15H12 isomer	18.18	350	J
19. 000612-94-2	Naphthalene, 2-phenyl-	18.52	560	JN
20.	C20H12 isomer	24.41	570	J
21.	C20H12 isomer	24.69	1800	J

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-4DL

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-002DL
 Sample wt/vol: 30.65 (g/ml) G Lab File ID: E72179.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 27.7 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 25.0
 GPC Cleanup: (Y/N) N pH: 7.97 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

111-44-4	bis(2-Chloroethyl)ether		U	11000
108-95-2	Phenol		U	11000
95-57-8	2-Chlorophenol		U	11000
541-73-1	1,3-Dichlorobenzene		U	11000
106-46-7	1,4-Dichlorobenzene		U	11000
95-50-1	1,2-Dichlorobenzene		U	11000
100-51-6	Benzyl alcohol		U	11000
108-60-1	2,2'-oxybis(1-Chloropropane)		U	11000
95-48-7	2-Methylphenol		U	11000
67-72-1	Hexachloroethane		U	11000
621-64-7	N-Nitroso-di-n-propylamine		U	11000
106-44-5	4-Methylphenol		U	11000
98-95-3	Nitrobenzene		U	11000
78-59-1	Isophorone		U	11000
88-75-5	2-Nitrophenol		U	11000
105-67-9	2,4-Dimethylphenol		U	11000
111-91-1	bis(2-Chloroethoxy)methane		U	11000
120-83-2	2,4-Dichlorophenol		U	11000
120-82-1	1,2,4-Trichlorobenzene		U	11000
91-20-3	Naphthalene		U	11000
106-47-8	4-Chloroaniline		U	11000
87-68-3	Hexachlorobutadiene		U	11000
59-50-7	4-Chloro-3-methylphenol		U	11000
91-57-6	2-Methylnaphthalene		U	11000
77-47-4	Hexachlorocyclopentadiene		U R	11000
88-06-2	2,4,6-Trichlorophenol		U	11000
95-95-4	2,4,5-Trichlorophenol		U	28000
91-58-7	2-Chloronaphthalene		U	11000
88-74-4	2-Nitroaniline		U	28000
208-96-8	Acenaphthylene		U	11000
131-11-3	Dimethylphthalate		U	11000
606-20-2	2,6-Dinitrotoluene		U	11000
83-32-9	Acenaphthene		U	11000
99-09-2	3-Nitroaniline		U	28000
51-28-5	2,4-Dinitrophenol		U	28000
132-64-9	Dibenzofuran		U	11000
121-14-2	2,4-Dinitrotoluene		U	11000

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-4DL

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-002DL

Sample wt/vol: 30.65 (g/ml) G Lab File ID: E72179.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 27.7 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 25.0

GPC Cleanup: (Y/N) N pH: 7.97 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	28000
86-73-7	Fluorene		U	11000
7005-72-3	4-Chlorophenyl-phenylether		U	11000
84-66-2	Diethylphthalate		U	11000
100-01-6	4-Nitroaniline		U	28000
534-52-1	4,6-Dinitro-2-methylphenol		U	28000
86-30-6	n-Nitrosodiphenylamine (1)		U	11000
101-55-3	4-Bromophenyl-phenylether		U	11000
118-74-1	Hexachlorobenzene		U	11000
87-86-5	Pentachlorophenol		U	28000
85-01-8	Phenanthrene	18000	D	11000
120-12-7	Anthracene	4100	JD	11000
84-74-2	Di-n-butylphthalate		U	11000
206-44-0	Fluoranthene	40000	D	11000
129-00-0	Pyrene	29000	D	11000
85-68-7	Butylbenzylphthalate		U	11000
91-94-1	3,3'-Dichlorobenzidine		U	11000
56-55-3	Benzo(a)anthracene	14000	D	11000
218-01-9	Chrysene	17000	D	11000
117-81-7	bis(2-Ethylhexyl)phthalate		U	11000
117-84-0	Di-n-octylphthalate		U	11000
205-99-2	Benzo(b)fluoranthene	20000	D	11000
207-08-9	Benzo(k)fluoranthene	7500	JD	11000
50-32-8	Benzo(a)pyrene	12000	D	11000
193-39-5	Indeno(1,2,3-cd)pyrene	3800	JD	11000
62-75-9	n-Nitrosodimethylamine		U	11000
53-70-3	Dibenz(a,h)anthracene	1400	JD	11000
191-24-2	Benzo(g,h,i)perylene	3500	JD	11000

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FORM I SV-2

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CTDOHS PH-0554

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-19

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-003

Sample wt/vol: 30.46 (g/ml) G Lab File ID: E72157.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 20.8 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.8 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	410
108-95-2	Phenol		U	410
95-57-8	2-Chlorophenol		U	410
541-73-1	1,3-Dichlorobenzene		U	410
106-46-7	1,4-Dichlorobenzene		U	410
95-50-1	1,2-Dichlorobenzene		U	410
100-51-6	Benzyl alcohol		U	410
108-60-1	2,2'-oxybis(1-Chloropropane)		U	410
95-48-7	2-Methylphenol		U	410
67-72-1	Hexachloroethane		U	410
621-64-7	N-Nitroso-di-n-propylamine		U	410
106-44-5	4-Methylphenol	48	J	410
98-95-3	Nitrobenzene		U	410
78-59-1	Isophorone		U	410
88-75-5	2-Nitrophenol		U	410
105-67-9	2,4-Dimethylphenol		U	410
111-91-1	bis(2-Chloroethoxy)methane		U	410
120-83-2	2,4-Dichlorophenol		U	410
120-82-1	1,2,4-Trichlorobenzene		U	410
91-20-3	Naphthalene	300	J	410
106-47-8	4-Chloroaniline		U	410
87-68-3	Hexachlorobutadiene		U	410
59-50-7	4-Chloro-3-methylphenol		U	410
91-57-6	2-Methylnaphthalene	210	J	410
77-47-4	Hexachlorocyclopentadiene		U	410
88-06-2	2,4,6-Trichlorophenol		U	410
95-95-4	2,4,5-Trichlorophenol		U	1000
91-58-7	2-Chloronaphthalene		U	410
88-74-4	2-Nitroaniline		U	1000
208-96-8	Acenaphthylene	64	J	410
131-11-3	Dimethylphthalate		U	410
606-20-2	2,6-Dinitrotoluene		U	410
83-32-9	Acenaphthene	110	J	410
99-09-2	3-Nitroaniline		U	1000
51-28-5	2,4-Dinitrophenol		U	1000
132-64-9	Dibenzofuran	140	J	410
121-14-2	2,4-Dinitrotoluene		U	410

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PA 68-378

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-19

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-003

Sample wt/vol: 30.46 (g/ml) G Lab File ID: E72157.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 20.8 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.8 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1000
86-73-7	Fluorene	290	J	410
7005-72-3	4-Chlorophenyl-phenylether		U	410
84-66-2	Diethylphthalate		U	410
100-01-6	4-Nitroaniline		U	1000
534-52-1	4,6-Dinitro-2-methylphenol		U	1000
86-30-6	n-Nitrosodiphenylamine (1)		U	410
101-55-3	4-Bromophenyl-phenylether		U	410
118-74-1	Hexachlorobenzene		U	410
87-86-5	Pentachlorophenol		U	1000
85-01-8	Phenanthrene	1700		410
120-12-7	Anthracene	340	J	410
84-74-2	Di-n-butylphthalate		U	410
206-44-0	Fluoranthene	2200		410
129-00-0	Pyrene	2800		410
85-68-7	Butylbenzylphthalate		U	410
91-94-1	3,3'-Dichlorobenzidine		U	410
56-55-3	Benzo(a)anthracene	1000		410
218-01-9	Chrysene	1300		410
117-81-7	bis(2-Ethylhexyl)phthalate	120	J	410
117-84-0	Di-n-octylphthalate		U	410
205-99-2	Benzo(b)fluoranthene	1600	J	410
207-08-9	Benzo(k)fluoranthene	590	J	410
50-32-8	Benzo(a)pyrene	1100	J	410
193-39-5	Indeno(1,2,3-cd)pyrene	420	J	410
62-75-9	n-Nitrosodimethylamine		U	410
53-70-3	Dibenz(a,h)anthracene	150	J	410
191-24-2	Benzo(g,h,i)perylene	430	J	410

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FORM I SV-2

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-19

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-003
 Sample wt/vol: 30.46 (g/ml) G Lab File ID: E72157.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 20.8 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.8

CONCENTRATION UNITS:

Number TICs found: 22 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.25	12000	JN
2. 000124-18-5	Decane	7.60	190	JN
3.	Unknown Cyclohexane	9.61	100	J
4. 017301-23-4	Undecane, 2,6-dimethyl-	10.55	120	JN
5.	C14H30 isomer	11.28	170	J
6. 000090-12-0	Naphthalene, 1-methyl-	11.96	130	JN
7.	Unknown Cyclohexane	12.20	110	J
8.	Unknown CnH2n+2	12.78	100	J
9.	dimethyl Naphthalene isomer	13.24	98	J
10.	Unknown CnH2n+2	13.42	190	J
11. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	14.37	110	JN
12.	Unknown CnH2n+2	15.30	400	J
13. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	15.84	770	JN
14.	Unknown	16.50	100	J
15.	Unknown	16.65	110	J
16.	Unknown CnH2n+2	16.78	510	J
17. 86-74-8	Carbazole	17.39	170	JN
18. 86-74-8	Carbazole	17.39	170	JN
19.	C15H12 isomer	17.89	450	J
20.	C15H12 isomer	17.96	260	J
21.	Unknown	18.11	510	J
22.	methyl Pyrene isomer	20.69	340	J

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FORM 1 SV-TIC

CTDOHS PH-0554

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-19RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-003RE
 Sample wt/vol: 30.46 (g/ml) G Lab File ID: E72176.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 20.8 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.8 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	410
108-95-2	Phenol		U	410
95-57-8	2-Chlorophenol		U	410
541-73-1	1,3-Dichlorobenzene		U	410
106-46-7	1,4-Dichlorobenzene		U	410
95-50-1	1,2-Dichlorobenzene		U	410
100-51-6	Benzyl alcohol		U	410
108-60-1	2,2'-oxybis(1-Chloropropane)		U	410
95-48-7	2-Methylphenol		U	410
67-72-1	Hexachloroethane		U	410
621-64-7	N-Nitroso-di-n-propylamine		U	410
106-44-5	4-Methylphenol	48	J	410
98-95-3	Nitrobenzene		U	410
78-59-1	Isophorone		U	410
88-75-5	2-Nitrophenol		U	410
105-67-9	2,4-Dimethylphenol		U	410
111-91-1	bis(2-Chloroethoxy)methane		U	410
120-83-2	2,4-Dichlorophenol		U	410
120-82-1	1,2,4-Trichlorobenzene		U	410
91-20-3	Naphthalene	280	J	410
106-47-8	4-Chloroaniline		U	410
87-68-3	Hexachlorobutadiene		U	410
59-50-7	4-Chloro-3-methylphenol		U	410
91-57-6	2-Methylnaphthalene	210	J	410
77-47-4	Hexachlorocyclopentadiene		U R	410
88-06-2	2,4,6-Trichlorophenol		U	410
95-95-4	2,4,5-Trichlorophenol		U	1000
91-58-7	2-Chloronaphthalene		U	410
88-74-4	2-Nitroaniline		U	1000
208-96-8	Acenaphthylene	64	J	410
131-11-3	Dimethylphthalate		U	410
606-20-2	2,6-Dinitrotoluene		U	410
83-32-9	Acenaphthene	110	J	410
99-09-2	3-Nitroaniline		U	1000
51-28-5	2,4-Dinitrophenol		U	1000
132-64-9	Dibenzofuran	130	J	410
121-14-2	2,4-Dinitrotoluene		U	410

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FORM 1 SV 1

CTDOHS PH-0554

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-19RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-003RE
 Sample wt/vol: 30.46 (g/ml) G Lab File ID: E72176.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 20.8 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.8 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

100-02-7	4-Nitrophenol		U	1000
86-73-7	Fluorene	280	J	410
7005-72-3	4-Chlorophenyl-phenylether		U	410
84-66-2	Diethylphthalate		U	410
100-01-6	4-Nitroaniline		U	1000
534-52-1	4,6-Dinitro-2-methylphenol		U	1000
86-30-6	n-Nitrosodiphenylamine (1)		U	410
101-55-3	4-Bromophenyl-phenylether		U	410
118-74-1	Hexachlorobenzene		U	410
87-86-5	Pentachlorophenol		U	1000
85-01-8	Phenanthrene	1700		410
120-12-7	Anthracene	340	J	410
84-74-2	Di-n-butylphthalate		U	410
206-44-0	Fluoranthene	2200		410
129-00-0	Pyrene	3000		410
85-68-7	Butylbenzylphthalate		U	410
91-94-1	3,3'-Dichlorobenzidine		U	410
56-55-3	Benzo(a)anthracene	1000		410
218-01-9	Chrysene	1200		410
117-81-7	bis(2-Ethylhexyl)phthalate	130	J	410
117-84-0	Di-n-octylphthalate		U	410
205-99-2	Benzo(b)fluoranthene	1500	J	410
207-08-9	Benzo(k)fluoranthene	660	J	410
50-32-8	Benzo(a)pyrene	1000	J	410
193-39-5	Indeno(1,2,3-cd)pyrene	450	J	410
62-75-9	n-Nitrosodimethylamine		U	410
53-70-3	Dibenz(a,h)anthracene	170	J	410
191-24-2	Benzo(g,h,i)perylene	430	J	410

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FORM I SV-2

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

3/90

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-19RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-003RE
 Sample wt/vol: 30.46 (g/ml) G Lab File ID: E72176.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 20.8 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.8

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.21	9900	JN
2. 000124-18-5	Decane	7.57	180	JN
3.	C13H28 isomer	10.53	120	J
4.	Unknown CnH2n+2	11.26	170	J
5.	methylnaphthalene isomer	11.94	130	J
6.	Unknown CnH2n+2	13.40	180	J
7.	Unknown CnH2n+2	15.28	400	J
8. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	15.82	780	JN
9. 000529-05-5	Azulene, 7-ethyl-1,4-dimethyl-	15.87	120	JN
10.	Unknown	16.47	150	J
11.	Unknown CnH2n+2	16.76	530	J
12. 86-74-8	Carbazole	17.37	160	JN
13.	Unknown CnH2n+2	17.47	130	J
14.	C15H12 isomer	17.87	180	J
15.	C15H12 isomer	17.94	220	J
16.	Unknown Hydrocarbon	18.09	520	J
17. 000612-94-2	Naphthalene, 2-phenyl-	18.48	170	JN
18.	Unknown	19.19	190	J
19.	methylpyrene isomer	20.67	330	J
20.	C20H12 isomer	24.68	910	J

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FORM LSV-TIC

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-12

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-004
 Sample wt/vol: 30.31 (g/ml) G Lab File ID: E72159.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 23.4 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.66 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	430
108-95-2	Phenol	110	J	430
95-57-8	2-Chlorophenol		U	430
541-73-1	1,3-Dichlorobenzene		U	430
106-46-7	1,4-Dichlorobenzene		U	430
95-50-1	1,2-Dichlorobenzene		U	430
100-51-6	Benzyl alcohol		U	430
108-60-1	2,2'-oxybis(1-Chloropropane)		U	430
95-48-7	2-Methylphenol	81	J	430
67-72-1	Hexachloroethane		U	430
621-64-7	N-Nitroso-di-n-propylamine		U	430
106-44-5	4-Methylphenol	170	J	430
98-95-3	Nitrobenzene		U	430
78-59-1	Isophorone		U	430
88-75-5	2-Nitrophenol		U	430
105-67-9	2,4-Dimethylphenol	61	J	430
111-91-1	bis(2-Chloroethoxy)methane		U	430
120-83-2	2,4-Dichlorophenol		U	430
120-82-1	1,2,4-Trichlorobenzene		U	430
91-20-3	Naphthalene	1200		430
106-47-8	4-Chloroaniline		U	430
87-68-3	Hexachlorobutadiene		U	430
59-50-7	4-Chloro-3-methylphenol		U	430
91-57-6	2-Methylnaphthalene	620		430
77-47-4	Hexachlorocyclopentadiene		U	430
88-06-2	2,4,6-Trichlorophenol		U	430
95-95-4	2,4,5-Trichlorophenol		U	1100
91-58-7	2-Chloronaphthalene		U	430
88-74-4	2-Nitroaniline		U	1100
208-96-8	Acenaphthylene		U	430
131-11-3	Dimethylphthalate		U	430
606-20-2	2,6-Dinitrotoluene		U	430
83-32-9	Acenaphthene	610		430
99-09-2	3-Nitroaniline		U	1100
51-28-5	2,4-Dinitrophenol		U	1100
132-64-9	Dibenzofuran	620		430
121-14-2	2,4-Dinitrotoluene		U	430

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FORM I SV.1
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-12

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-004
 Sample wt/vol: 30.31 (g/ml) G Lab File ID: E72159.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 23.4 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.66 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1100
86-73-7	Fluorene	1000		430
7005-72-3	4-Chlorophenyl-phenylether		U	430
84-66-2	Diethylphthalate		U	430
100-01-6	4-Nitroaniline		U	1100
534-52-1	4,6-Dinitro-2-methylphenol		U	1100
86-30-6	n-Nitrosodiphenylamine (1)		U	430
101-55-3	4-Bromophenyl-phenylether		U	430
118-74-1	Hexachlorobenzene		U	430
87-86-5	Pentachlorophenol		U	1100
85-01-8	Phenanthrene	4600	E J	430
120-12-7	Anthracene	1300		430
84-74-2	Di-n-butylphthalate	44	J	430
206-44-0	Fluoranthene	2700		430
129-00-0	Pyrene	4500	E J	430
85-68-7	Butylbenzylphthalate		U J	430
91-94-1	3,3'-Dichlorobenzidine		U J	430
56-55-3	Benzo(a)anthracene	1500	J	430
218-01-9	Chrysene	1400	J	430
117-81-7	bis(2-Ethylhexyl)phthalate	5400	E J	430
117-84-0	Di-n-octylphthalate		U J	430
205-99-2	Benzo(b)fluoranthene	1700	J	430
207-08-9	Benzo(k)fluoranthene	640	J	430
50-32-8	Benzo(a)pyrene	1000	J	430
193-39-5	Indeno(1,2,3-cd)pyrene	420	J J	430
62-75-9	n-Nitrosodimethylamine		U J	430
53-70-3	Dibenz(a,h)anthracene	150	J J	430
191-24-2	Benzo(g,h,i)perylene	410	J J	430

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FORM SV-2

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-12

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-004
 Sample wt/vol: 30.31 (g/ml) G Lab File ID: E72159.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 23.4 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.66

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.33	29000	JN
2. 000100-41-4	Ethylbenzene	5.43	300	JN
3.	Benzene isomer	5.60	1000	J
4. 000108-38-3	Benzene, 1,3-dimethyl-	5.97	310	JN
5. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	8.92	430	JN
6.	tetramethyl Benzene isomer	9.38	230	J
7.	tetramethyl Benzene isomer	9.43	400	J
8. 000090-12-0	Naphthalene, 1-methyl-	11.97	350	JN
9. 000629-59-4	Tetradecane	12.78	210	JN
10.	dimethyl Naphthalene isomer	13.26	180	J
11.	Unknown CnH2n+2	13.44	530	J
12.	C15H28 isomer	13.66	240	J
13.	trimethyl Naphthalene isomer	14.40	300	J
14.	Unknown CnH2n+2	14.52	650	J
15.	Unknown	14.69	200	J
16. 000544-76-3	Hexadecane	14.89	460	JN
17.	dimethyl Undecane isomer	15.36	2100	J
18.	Unknown CnH2n+2	15.93	860	J
19. 86-74-8	Carbazole	17.45	640	JN
20. 86-74-8	Carbazole	17.45	640	JN

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NYSDOH 10142

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FORM 1 SV TIC
CTDOHS PH-0554

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP-12DL

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-004DL

Sample wt/vol: 30.31 (g/ml) G Lab File ID: E72164.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 23.4 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 7.66 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	860
108-95-2	Phenol	110	JD	860
95-57-8	2-Chlorophenol		U	860
541-73-1	1,3-Dichlorobenzene		U	860
106-46-7	1,4-Dichlorobenzene		U	860
95-50-1	1,2-Dichlorobenzene		U	860
100-51-6	Benzyl alcohol		U	860
108-60-1	2,2'-oxybis(1-Chloropropane)		U	860
95-48-7	2-Methylphenol		U	860
67-72-1	Hexachloroethane		U	860
621-64-7	N-Nitroso-di-n-propylamine		U	860
106-44-5	4-Methylphenol	170	JD	860
98-95-3	Nitrobenzene		U	860
78-59-1	Isophorone		U	860
88-75-5	2-Nitrophenol		U	860
105-67-9	2,4-Dimethylphenol		U	860
111-91-1	bis(2-Chloroethoxy)methane		U	860
120-83-2	2,4-Dichlorophenol		U	860
120-82-1	1,2,4-Trichlorobenzene		U	860
91-20-3	Naphthalene	1300	D	860
106-47-8	4-Chloroaniline		U	860
87-68-3	Hexachlorobutadiene		U	860
59-50-7	4-Chloro-3-methylphenol		U	860
91-57-6	2-Methylnaphthalene	620	JD	860
77-47-4	Hexachlorocyclopentadiene		U R	860
88-06-2	2,4,6-Trichlorophenol		U	860
95-95-4	2,4,5-Trichlorophenol		U	2200
91-58-7	2-Chloronaphthalene		U	860
88-74-4	2-Nitroaniline		U	2200
208-96-8	Acenaphthylene		U	860
131-11-3	Dimethylphthalate		U	860
606-20-2	2,6-Dinitrotoluene		U	860
83-32-9	Acenaphthene	640	JD	860
99-09-2	3-Nitroaniline		U	2200
51-28-5	2,4-Dinitrophenol		U	2200
132-64-9	Dibenzofuran	630	JD	860
121-14-2	2,4-Dinitrotoluene		U	860

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-12DL

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-004DL

Sample wt/vol: 30.31 (g/ml) G Lab File ID: E72164.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 23.4 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 7.66 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	2200
86-73-7	Fluorene	1100	D	860
7005-72-3	4-Chlorophenyl-phenylether		U	860
84-66-2	Diethylphthalate		U	860
100-01-6	4-Nitroaniline		U	2200
534-52-1	4,6-Dinitro-2-methylphenol		U	2200
86-30-6	n-Nitrosodiphenylamine (1)		U	860
101-55-3	4-Bromophenyl-phenylether		U	860
118-74-1	Hexachlorobenzene		U	860
87-86-5	Pentachlorophenol		U	2200
85-01-8	Phenanthrene	4700	D	860
120-12-7	Anthracene	1300	D	860
84-74-2	Di-n-butylphthalate		U	860
206-44-0	Fluoranthene	3800	D	860
129-00-0	Pyrene	3400	D J	860
85-68-7	Butylbenzylphthalate		U J	860
91-94-1	3,3'-Dichlorobenzidine		U J	860
56-55-3	Benzo(a)anthracene	1500	D J	860
218-01-9	Chrysene	1600	D J	860
117-81-7	bis(2-Ethylhexyl)phthalate	4900	D J	860
117-84-0	Di-n-octylphthalate		U J	860
205-99-2	Benzo(b)fluoranthene	1900	D J	860
207-08-9	Benzo(k)fluoranthene	590	JD J	860
50-32-8	Benzo(a)pyrene	1100	D J	860
193-39-5	Indeno(1,2,3-cd)pyrene	390	JD J	860
62-75-9	n-Nitrosodimethylamine		U J	860
53-70-3	Dibenz(a,h)anthracene	140	JD J	860
191-24-2	Benzo(g,h,i)perylene	340	JD J	860

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FORM 1 SV.2

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-17

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-005
 Sample wt/vol: 30.11 (g/ml) G Lab File ID: E72168.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 49.6 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.41 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	660
108-95-2	Phenol		U	660
95-57-8	2-Chlorophenol		U	660
541-73-1	1,3-Dichlorobenzene		U	660
106-46-7	1,4-Dichlorobenzene	88	J	660
95-50-1	1,2-Dichlorobenzene		U	660
100-51-6	Benzyl alcohol		U	660
108-60-1	2,2'-oxybis(1-Chloropropane)		U	660
95-48-7	2-Methylphenol		U	660
67-72-1	Hexachloroethane		U	660
621-64-7	N-Nitroso-di-n-propylamine		U	660
106-44-5	4-Methylphenol		U	660
98-95-3	Nitrobenzene		U	660
78-59-1	Isophorone		U	660
88-75-5	2-Nitrophenol		U	660
105-67-9	2,4-Dimethylphenol		U	660
111-91-1	bis(2-Chloroethoxy)methane		U	660
120-83-2	2,4-Dichlorophenol		U	660
120-82-1	1,2,4-Trichlorobenzene		U	660
91-20-3	Naphthalene	130	J	660
106-47-8	4-Chloroaniline		U	660
87-68-3	Hexachlorobutadiene		U	660
59-50-7	4-Chloro-3-methylphenol		U	660
91-57-6	2-Methylnaphthalene	100	J	660
77-47-4	Hexachlorocyclopentadiene		U R	660
88-06-2	2,4,6-Trichlorophenol		U	660
95-95-4	2,4,5-Trichlorophenol		U	1600
91-58-7	2-Chloronaphthalene		U	660
88-74-4	2-Nitroaniline		U	1600
208-96-8	Acenaphthylene		U	660
131-11-3	Dimethylphthalate		U	660
606-20-2	2,6-Dinitrotoluene		U	660
83-32-9	Acenaphthene	91	J	660
99-09-2	3-Nitroaniline		U	1600
51-28-5	2,4-Dinitrophenol		U	1600
132-64-9	Dibenzofuran	87	J	660
121-14-2	2,4-Dinitrotoluene		U	660

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FORM 1 SV-1

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-17

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-005

Sample wt/vol: 30.11 (g/ml) G Lab File ID: E72168.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 49.6 decanted: (Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.41 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1600
86-73-7	Fluorene	160	J	660
7005-72-3	4-Chlorophenyl-phenylether		U	660
84-66-2	Diethylphthalate		U	660
100-01-6	4-Nitroaniline		U	1600
534-52-1	4,6-Dinitro-2-methylphenol		U	1600
86-30-6	n-Nitrosodiphenylamine (1)		U	660
101-55-3	4-Bromophenyl-phenylether		U	660
118-74-1	Hexachlorobenzene		U	660
87-86-5	Pentachlorophenol		U	1600
85-01-8	Phenanthrene	1200		660
120-12-7	Anthracene	210	J	660
84-74-2	Di-n-butylphthalate		U	660
206-44-0	Fluoranthene	1400		660
129-00-0	Pyrene	2200		660
85-68-7	Butylbenzylphthalate	800		660
91-94-1	3,3'-Dichlorobenzidine		U	660
56-55-3	Benzo(a)anthracene	680		660
218-01-9	Chrysene	810		660
117-81-7	bis(2-Ethylhexyl)phthalate	900		660
117-84-0	Di-n-octylphthalate		U J	660
205-99-2	Benzo(b)fluoranthene	1000	J J	660
207-08-9	Benzo(k)fluoranthene	330	J J	660
50-32-8	Benzo(a)pyrene	700	J J	660
193-39-5	Indeno(1,2,3-cd)pyrene	310	J J	660
62-75-9	n-Nitrosodimethylamine		U J	660
53-70-3	Dibenz(a,h)anthracene	130	J J	660
191-24-2	Benzo(g,h,i)perylene	360	J J	660

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FORM 1 SV-2

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 63-378

M-NY049

3/90

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-17

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-005
 Sample wt/vol: 30.11 (g/ml) G Lab File ID: E72168.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 49.6 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.41

CONCENTRATION UNITS:

Number TICs found: 11 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.29	38000	JN
2.	C7H6O2 isomer	8.39	470	J
3.	Unknown CnH2n+2	15.29	570	J
4.	C19H40 isomer	15.83	1600	J
5.	Unknown CnH2n+2	16.71	270	J
6.	Unknown CnH2n+2	16.77	1000	J
7. 86-74-8	Carbazole	17.38	100	JN
8.	C15H12 isomer	18.10	520	J
9.	Unknown CnH2n+2	19.19	500	J
10.	Unknown CnH2n+2	20.67	2300	J
11.	Unknown CnH2n+2	22.01	1900	J

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-17RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-005RE

Sample wt/vol: 30.11 (g/ml) G Lab File ID: E72197.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 49.6 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.41 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

111-44-4	bis(2-Chloroethyl)ether		U	660
108-95-2	Phenol		U	660
95-57-8	2-Chlorophenol		U	660
541-73-1	1,3-Dichlorobenzene		U	660
106-46-7	1,4-Dichlorobenzene	78	J	660
95-50-1	1,2-Dichlorobenzene		U	660
100-51-6	Benzyl alcohol		U	660
108-60-1	2,2'-oxybis(1-Chloropropane)		U	660
95-48-7	2-Methylphenol		U	660
67-72-1	Hexachloroethane		U	660
621-64-7	N-Nitroso-di-n-propylamine		U	660
106-44-5	4-Methylphenol		U	660
98-95-3	Nitrobenzene		U	660
78-59-1	Isophorone		U	660
88-75-5	2-Nitrophenol		U	660
105-67-9	2,4-Dimethylphenol		U	660
111-91-1	bis(2-Chloroethoxy)methane		U	660
120-83-2	2,4-Dichlorophenol		U	660
120-82-1	1,2,4-Trichlorobenzene		U	660
91-20-3	Naphthalene	140	J	660
106-47-8	4-Chloroaniline		U	660
87-68-3	Hexachlorobutadiene		U	660
59-50-7	4-Chloro-3-methylphenol		U	660
91-57-6	2-Methylnaphthalene	100	J	660
77-47-4	Hexachlorocyclopentadiene		U R	660
88-06-2	2,4,6-Trichlorophenol		U	660
95-95-4	2,4,5-Trichlorophenol		U	1600
91-58-7	2-Chloronaphthalene		U	660
88-74-4	2-Nitroaniline		U	1600
208-96-8	Acenaphthylene		U	660
131-11-3	Dimethylphthalate		U	660
606-20-2	2,6-Dinitrotoluene		U	660
83-32-9	Acenaphthene	98	J	660
99-09-2	3-Nitroaniline		U	1600
51-28-5	2,4-Dinitrophenol		U	1600
132-64-9	Dibenzofuran	90	J	660
121-14-2	2,4-Dinitrotoluene		U	660

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

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EPA NY049

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP-17RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-005RE

Sample wt/vol: 30.11 (g/ml) G Lab File ID: E72197.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 49.6 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.41 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1600
86-73-7	Fluorene	160	J	660
7005-72-3	4-Chlorophenyl-phenylether		U	660
84-66-2	Diethylphthalate		U	660
100-01-6	4-Nitroaniline		U	1600
534-52-1	4,6-Dinitro-2-methylphenol		U	1600
86-30-6	n-Nitrosodiphenylamine (1)		U	660
101-55-3	4-Bromophenyl-phenylether		U	660
118-74-1	Hexachlorobenzene		U	660
87-86-5	Pentachlorophenol		U	1600
85-01-8	Phenanthrene	1200		660
120-12-7	Anthracene	210	J	660
84-74-2	Di-n-butylphthalate		U	660
206-44-0	Fluoranthene	1200		660
129-00-0	Pyrene	2400	J	660
85-68-7	Butylbenzylphthalate	810	J	660
91-94-1	3,3'-Dichlorobenzidine		U J	660
56-55-3	Benzo(a)anthracene	660	J	660
218-01-9	Chrysene	840	J	660
117-81-7	bis(2-Ethylhexyl)phthalate	950	J	660
117-84-0	Di-n-octylphthalate		U J	660
205-99-2	Benzo(b)fluoranthene	1000	J	660
207-08-9	Benzo(k)fluoranthene	330	J	660
50-32-8	Benzo(a)pyrene	710	J	660
193-39-5	Indeno(1,2,3-cd)pyrene	310	J J	660
62-75-9	n-Nitrosodimethylamine		U J	660
53-70-3	Dibenz(a,h)anthracene	150	J J	660
191-24-2	Benzo(g,h,i)perylene	340	J J	660

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-17RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-005RE

Sample wt/vol: 30.11 (g/ml) G Lab File ID: E72197.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 49.6 decanted: (Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.41

CONCENTRATION UNITS:

Number TICs found: 12(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.27	29000	JN
2.	hydroxybenzaldehyde isomer	8.36	340	J
3.	Unknown Hydrocarbon	15.25	570	J
4. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	15.81	1700	JN
5.	Unknown CnH2n+2	16.75	1000	J
6. 86-74-8	Carbazole	17.36	95	JN
7.	methylphenanthrene isomer	18.08	470	J
8.	Unknown CnH2n+2	19.17	490	J
9.	Unknown	19.81	1900	J
10.	Unknown CnH2n+2	19.92	1300	J
11.	Unknown CnH2n+2	20.63	2500	J
12.	Unknown CnH2n+2	21.98	2300	J

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-TIC

CTDOHS PH-0554

EPA NY049

PA 68-378

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-18

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-006
 Sample wt/vol: 30.44 (g/ml) G Lab File ID: E72147.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 54.1 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.08 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	720
108-95-2	Phenol		U	720
95-57-8	2-Chlorophenol		U	720
541-73-1	1,3-Dichlorobenzene		U	720
106-46-7	1,4-Dichlorobenzene		U	720
95-50-1	1,2-Dichlorobenzene		U	720
100-51-6	Benzyl alcohol		U	720
108-60-1	2,2'-oxybis(1-Chloropropane)		U	720
95-48-7	2-Methylphenol		U	720
67-72-1	Hexachloroethane		U	720
621-64-7	N-Nitroso-di-n-propylamine		U	720
106-44-5	4-Methylphenol		U	720
98-95-3	Nitrobenzene		U	720
78-59-1	Isophorone		U	720
88-75-5	2-Nitrophenol		U	720
105-67-9	2,4-Dimethylphenol		U	720
111-91-1	bis(2-Chloroethoxy)methane		U	720
120-83-2	2,4-Dichlorophenol		U	720
120-82-1	1,2,4-Trichlorobenzene		U	720
91-20-3	Naphthalene	110	J	720
106-47-8	4-Chloroaniline		U	720
87-68-3	Hexachlorobutadiene		U	720
59-50-7	4-Chloro-3-methylphenol		U	720
91-57-6	2-Methylnaphthalene		U	720
77-47-4	Hexachlorocyclopentadiene		U	720
88-06-2	2,4,6-Trichlorophenol		U	720
95-95-4	2,4,5-Trichlorophenol		U	1800
91-58-7	2-Chloronaphthalene		U	720
88-74-4	2-Nitroaniline		U	1800
208-96-8	Acenaphthylene		U	720
131-11-3	Dimethylphthalate		U	720
606-20-2	2,6-Dinitrotoluene		U	720
83-32-9	Acenaphthene		U	720
99-09-2	3-Nitroaniline		U	1800
51-28-5	2,4-Dinitrophenol		U	1800
132-64-9	Dibenzofuran		U	720
121-14-2	2,4-Dinitrotoluene		U	720

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FORM 1 SV-1

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NYSDOH 10142

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-18

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-006
 Sample wt/vol: 30.44 (g/ml) G Lab File ID: E72147.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 54.1 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.08 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1800
86-73-7	Fluorene		U	720
7005-72-3	4-Chlorophenyl-phenylether		U	720
84-66-2	Diethylphthalate		U	720
100-01-6	4-Nitroaniline		U	1800
534-52-1	4,6-Dinitro-2-methylphenol		U	1800
86-30-6	n-Nitrosodiphenylamine (1)		U	720
101-55-3	4-Bromophenyl-phenylether		U	720
118-74-1	Hexachlorobenzene		U	720
87-86-5	Pentachlorophenol		U	1800
85-01-8	Phenanthrene	170	J	720
120-12-7	Anthracene		U	720
84-74-2	Di-n-butylphthalate		U	720
206-44-0	Fluoranthene	190	J	720
129-00-0	Pyrene	140	J	720
85-68-7	Butylbenzylphthalate		U	720
91-94-1	3,3'-Dichlorobenzidine		U	720
56-55-3	Benzo(a)anthracene	82	J	720
218-01-9	Chrysene	97	J	720
117-81-7	bis(2-Ethylhexyl)phthalate	440	J	720
117-84-0	Di-n-octylphthalate		U	720
205-99-2	Benzo(b)fluoranthene	93	J	720
207-08-9	Benzo(k)fluoranthene		U	720
50-32-8	Benzo(a)pyrene		U	720
193-39-5	Indeno(1,2,3-cd)pyrene		U	720
62-75-9	n-Nitrosodimethylamine		U	720
53-70-3	Dibenz(a,h)anthracene		U	720
191-24-2	Benzo(g,h,i)perylene		U	720

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FORM 1 SV-2

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-18

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-006

Sample wt/vol: 30.44 (g/ml) G Lab File ID: E72147.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 54.1 decanted: (Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8.08

CONCENTRATION UNITS:

Number TICs found: 9 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.25	22000	JN
2. 000124-18-5	Decane	7.59	530	JN
3. 000629-59-4	Tetradecane	12.76	170	JN
4. 000629-78-7	Heptadecane	15.80	280	JN
5. 000593-45-3	Octadecane	16.70	230	JN
6.	Unknown	18.55	280	J
7.	Unknown	18.95	200	J
8.	Unknown	19.39	270	J
9.	Unknown	20.34	1400	J

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-16

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-007

Sample wt/vol: 30.79 (g/ml) G Lab File ID: E72150.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 21.2 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.7 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	410
108-95-2	Phenol	430		410
95-57-8	2-Chlorophenol		U	410
541-73-1	1,3-Dichlorobenzene		U	410
106-46-7	1,4-Dichlorobenzene		U	410
95-50-1	1,2-Dichlorobenzene		U	410
100-51-6	Benzyl alcohol		U	410
108-60-1	2,2'-oxybis(1-Chloropropane)		U	410
95-48-7	2-Methylphenol	190	J	410
67-72-1	Hexachloroethane		U	410
621-64-7	N-Nitroso-di-n-propylamine		U	410
106-44-5	4-Methylphenol	200	J	410
98-95-3	Nitrobenzene		U	410
78-59-1	Isophorone		U	410
88-75-5	2-Nitrophenol		U	410
105-67-9	2,4-Dimethylphenol	120	J	410
111-91-1	bis(2-Chloroethoxy)methane		U	410
120-83-2	2,4-Dichlorophenol		U	410
120-82-1	1,2,4-Trichlorobenzene		U	410
91-20-3	Naphthalene	350	J	410
106-47-8	4-Chloroaniline		U	410
87-68-3	Hexachlorobutadiene		U	410
59-50-7	4-Chloro-3-methylphenol		U	410
91-57-6	2-Methylnaphthalene	230	J	410
77-47-4	Hexachlorocyclopentadiene		U	410
88-06-2	2,4,6-Trichlorophenol		U	410
95-95-4	2,4,5-Trichlorophenol		U	1000
91-58-7	2-Chloronaphthalene		U	410
88-74-4	2-Nitroaniline		U	1000
208-96-8	Acenaphthylene		U	410
131-11-3	Dimethylphthalate		U	410
606-20-2	2,6-Dinitrotoluene		U	410
83-32-9	Acenaphthene		U	410
99-09-2	3-Nitroaniline		U	1000
51-28-5	2,4-Dinitrophenol		U	1000
132-64-9	Dibenzofuran	82	J	410
121-14-2	2,4-Dinitrotoluene		U	410

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FORM I SV-1

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NYSDOH 10142

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-16

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-007

Sample wt/vol: 30.79 (g/ml) G Lab File ID: E72150.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 21.2 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.7 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1000
86-73-7	Fluorene		U	410
7005-72-3	4-Chlorophenyl-phenylether		U	410
84-66-2	Diethylphthalate		U	410
100-01-6	4-Nitroaniline		U	1000
534-52-1	4,6-Dinitro-2-methylphenol		U	1000
86-30-6	n-Nitrosodiphenylamine (1)		U	410
101-55-3	4-Bromophenyl-phenylether		U	410
118-74-1	Hexachlorobenzene		U	410
87-86-5	Pentachlorophenol		U	1000
85-01-8	Phenanthrene	300	J	410
120-12-7	Anthracene	57	J	410
84-74-2	Di-n-butylphthalate		U	410
206-44-0	Fluoranthene	150	J	410
129-00-0	Pyrene	120	J	410
85-68-7	Butylbenzylphthalate		U	410
91-94-1	3,3'-Dichlorobenzidine		U	410
56-55-3	Benzo(a)anthracene	47	J	410
218-01-9	Chrysene	73	J	410
117-81-7	bis(2-Ethylhexyl)phthalate	110	J	410
117-84-0	Di-n-octylphthalate		U	410
205-99-2	Benzo(b)fluoranthene	71	J	410
207-08-9	Benzo(k)fluoranthene		U	410
50-32-8	Benzo(a)pyrene		U	410
193-39-5	Indeno(1,2,3-cd)pyrene		U	410
62-75-9	n-Nitrosodimethylamine		U	410
53-70-3	Dibenz(a,h)anthracene		U	410
191-24-2	Benzo(g,h,i)perylene		U	410

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDOHS PH-0554

EPA NY049

PA 66-378

M-NY049

3/90

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-16

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-007

Sample wt/vol: 30.79 (g/ml) G Lab File ID: E72150.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 21.2 decanted: (Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.7

CONCENTRATION UNITS:

Number TICs found: 15 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.26	14000	JN
2. 000108-38-3	Benzene, 1,3-dimethyl-	5.56	150	JN
3. 000090-12-0	Naphthalene, 1-methyl-	11.96	150	JN
4.	dimethyl Naphthalene isomer	13.24	160	J
5.	C15H28 isomer	13.65	140	J
6.	C12H10 isomer	13.91	120	J
7.	Unknown	14.65	110	J
8.	trimethyl Naphthalene isomer	14.96	150	J
9.	Unknown CnH2n+2	15.29	130	J
10. 000483-78-3	Naphthalene, 1,6-dimethyl-4-(1-m	15.73	250	JN
11. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	15.84	380	JN
12.	Unknown	16.37	220	J
13.	Unknown	16.50	140	J
14.	Unknown CnH2n+2	16.78	220	J
15.	C18H18 isomer	20.40	1400	J

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NYSDOH 10142

NJDEP 73015

FORM 1 SV TIC
CTDORS PH-0554

EPA NY049

PA 68-378

M-NY049

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3/90

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP-13

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-008

Sample wt/vol: 30.01 (g/ml) G Lab File ID: E72153.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 49.6 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.41 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

111-44-4	bis(2-Chloroethyl)ether		U	660
108-95-2	Phenol		U	660
95-57-8	2-Chlorophenol		U	660
541-73-1	1,3-Dichlorobenzene		U	660
106-46-7	1,4-Dichlorobenzene	120	J	660
95-50-1	1,2-Dichlorobenzene		U	660
100-51-6	Benzyl alcohol		U	660
108-60-1	2,2'-oxybis(1-Chloropropane)		U	660
95-48-7	2-Methylphenol		U	660
67-72-1	Hexachloroethane		U	660
621-64-7	N-Nitroso-di-n-propylamine		U	660
106-44-5	4-Methylphenol		U	660
98-95-3	Nitrobenzene		U	660
78-59-1	Isophorone		U	660
88-75-5	2-Nitrophenol		U	660
105-67-9	2,4-Dimethylphenol		U	660
111-91-1	bis(2-Chloroethoxy)methane		U	660
120-83-2	2,4-Dichlorophenol		U	660
120-82-1	1,2,4-Trichlorobenzene		U	660
91-20-3	Naphthalene	89	J	660
106-47-8	4-Chloroaniline		U	660
87-68-3	Hexachlorobutadiene		U	660
59-50-7	4-Chloro-3-methylphenol		U	660
91-57-6	2-Methylnaphthalene		U	660
77-47-4	Hexachlorocyclopentadiene		U	660
88-06-2	2,4,6-Trichlorophenol		U	660
95-95-4	2,4,5-Trichlorophenol		U	1700
91-58-7	2-Chloronaphthalene		U	660
88-74-4	2-Nitroaniline		U	1700
208-96-8	Acenaphthylene		U	660
131-11-3	Dimethylphthalate		U	660
606-20-2	2,6-Dinitrotoluene		U	660
83-32-9	Acenaphthene		U	660
99-09-2	3-Nitroaniline		U	1700
51-28-5	2,4-Dinitrophenol		U	1700
132-64-9	Dibenzofuran		U	660
121-14-2	2,4-Dinitrotoluene		U	660

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-13

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-008
 Sample wt/vol: 30.01 (g/ml) G Lab File ID: E72153.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 49.6 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.41 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1700
86-73-7	Fluorene		U	660
7005-72-3	4-Chlorophenyl-phenylether		U	660
84-66-2	Diethylphthalate		U	660
100-01-6	4-Nitroaniline		U	1700
534-52-1	4,6-Dinitro-2-methylphenol		U	1700
86-30-6	n-Nitrosodiphenylamine (1)		U	660
101-55-3	4-Bromophenyl-phenylether		U	660
118-74-1	Hexachlorobenzene		U	660
87-86-5	Pentachlorophenol		U	1700
85-01-8	Phenanthrene	370	J	660
120-12-7	Anthracene	83	J	660
84-74-2	Di-n-butylphthalate	71	J	660
206-44-0	Fluoranthene	740		660
129-00-0	Pyrene	760		660
85-68-7	Butylbenzylphthalate		U	660
91-94-1	3,3'-Dichlorobenzidine		U	660
56-55-3	Benzo(a)anthracene	360	J	660
218-01-9	Chrysene	420	J	660
117-81-7	bis(2-Ethylhexyl)phthalate	530	J	660
117-84-0	Di-n-octylphthalate		U	660
205-99-2	Benzo(b)fluoranthene	550	J	660
207-08-9	Benzo(k)fluoranthene	200	J	660
50-32-8	Benzo(a)pyrene	340	J	660
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	660
62-75-9	n-Nitrosodimethylamine		U	660
53-70-3	Dibenz(a,h)anthracene		U	660
191-24-2	Benzo(g,h,i)perylene	140	J	660

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FORM 1 SV 2

3/90

NYSOEH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-13

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Matrix: (soil/water) SOIL Lab Sample ID: 237118-008
Sample wt/vol: 30.01 (g/ml) G Lab File ID: E72153.D
Level: (low/med) LOW Date Received: 6/9/2004
% Moisture: 49.6 decanted: (Y/N) N Date Extracted: 6/18/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.41

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.31	27000	JN
2.	Unknown	21.59	690	J
3.	C21H44 isomer	22.01	600	J
4.	Unknown	25.65	1900	J
5.	Unknown	26.11	1200	J

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-14

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-009
 Sample wt/vol: 30.23 (g/ml) G Lab File ID: E72161.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 35.1 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.55 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

111-44-4	bis(2-Chloroethyl)ether		U	510
108-95-2	Phenol		U	510
95-57-8	2-Chlorophenol		U	510
541-73-1	1,3-Dichlorobenzene		U	510
106-46-7	1,4-Dichlorobenzene	400	J	510
95-50-1	1,2-Dichlorobenzene		U	510
100-51-6	Benzyl alcohol		U	510
108-60-1	2,2'-oxybis(1-Chloropropane)		U	510
95-48-7	2-Methylphenol		U	510
67-72-1	Hexachloroethane		U	510
621-64-7	N-Nitroso-di-n-propylamine		U	510
106-44-5	4-Methylphenol		U	510
98-95-3	Nitrobenzene		U	510
78-59-1	Isophorone		U	510
88-75-5	2-Nitrophenol		U	510
105-67-9	2,4-Dimethylphenol		U	510
111-91-1	bis(2-Chloroethoxy)methane		U	510
120-83-2	2,4-Dichlorophenol		U	510
120-82-1	1,2,4-Trichlorobenzene		U	510
91-20-3	Naphthalene	140	J	510
106-47-8	4-Chloroaniline		U	510
87-68-3	Hexachlorobutadiene		U	510
59-50-7	4-Chloro-3-methylphenol		U	510
91-57-6	2-Methylnaphthalene	94	J	510
77-47-4	Hexachlorocyclopentadiene		U	510
88-06-2	2,4,6-Trichlorophenol		U	510
95-95-4	2,4,5-Trichlorophenol		U	1300
91-58-7	2-Chloronaphthalene		U	510
88-74-4	2-Nitroaniline		U	1300
208-96-8	Acenaphthylene		U	510
131-11-3	Dimethylphthalate		U	510
606-20-2	2,6-Dinitrotoluene		U	510
83-32-9	Acenaphthene		U	510
99-09-2	3-Nitroaniline		U	1300
51-28-5	2,4-Dinitrophenol		U	1300
132-64-9	Dibenzofuran		U	510
121-14-2	2,4-Dinitrotoluene		U	510

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FORM 1 SV-1

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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Newburgh, NY 12550
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-14

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-009

Sample wt/vol: 30.23 (g/ml) G Lab File ID: E72161.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 35.1 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.55 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

100-02-7	4-Nitrophenol		U	1300
86-73-7	Fluorene	110	J	510
7005-72-3	4-Chlorophenyl-phenylether		U	510
84-66-2	Diethylphthalate		U	510
100-01-6	4-Nitroaniline		U	1300
534-52-1	4,6-Dinitro-2-methylphenol		U	1300
86-30-6	n-Nitrosodiphenylamine (1)		U	510
101-55-3	4-Bromophenyl-phenylether		U	510
118-74-1	Hexachlorobenzene		U	510
87-86-5	Pentachlorophenol		U	1300
85-01-8	Phenanthrene	320	J	510
120-12-7	Anthracene		U	510
84-74-2	Di-n-butylphthalate	150	J	510
206-44-0	Fluoranthene	230	J	510
129-00-0	Pyrene	470	J J	510
85-68-7	Butylbenzylphthalate		U J	510
91-94-1	3,3'-Dichlorobenzidine		U J	510
56-55-3	Benzo(a)anthracene	88	J J	510
218-01-9	Chrysene	180	J J	510
117-81-7	bis(2-Ethylhexyl)phthalate	3600	J	510
117-84-0	Di-n-octylphthalate		U J	510
205-99-2	Benzo(b)fluoranthene	130	J J	510
207-08-9	Benzo(k)fluoranthene	54	J J	510
50-32-8	Benzo(a)pyrene	82	J J	510
193-39-5	Indeno(1,2,3-cd)pyrene		U J	510
62-75-9	n-Nitrosodimethylamine		U J	510
53-70-3	Dibenz(a,h)anthracene		U J	510
191-24-2	Benzo(g,h,i)perylene	61	J J	510

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FORM I SV 2

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-14

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-009
 Sample wt/vol: 30.23 (g/ml) G Lab File ID: E72161.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 35.1 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.55

CONCENTRATION UNITS:

Number TICs found: 16 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown CnH2n+O2	5.33	30000	J
2.	Benzenamine, 2,4,6-trichloro- iso	13.04	590	J
3.	Unknown	13.19	230	J
4.	Unknown CnH2n+2	15.29	230	J
5.	Unknown CnH2n+2	15.83	470	J
6. 000544-63-8	Tetradecanoic acid	16.43	510	JN
7.	Unknown CnH2n+2	16.77	260	J
8.	Unknown	18.40	700	J
9.	Unknown	18.81	2000	J
10.	Unknown	18.99	470	J
11.	Unknown CnH2n+2	19.20	360	J
12.	Unknown	19.47	4100	J
13.	Unknown CnH2n+2	19.96	1200	J
14.	C18H18 isomer	20.40	7900	J
15.	Unknown CnH2n+2	20.67	990	J
16.	Unknown	23.21	1000	J

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FORM 1 SV TIC

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-14RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-009RE
 Sample wt/vol: 30.23 (g/ml) G Lab File ID: E72178.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 35.1 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.55 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

111-44-4	bis(2-Chloroethyl)ether		U	510
108-95-2	Phenol		U	510
95-57-8	2-Chlorophenol		U	510
541-73-1	1,3-Dichlorobenzene		U	510
106-46-7	1,4-Dichlorobenzene	400	J	510
95-50-1	1,2-Dichlorobenzene		U	510
100-51-6	Benzyl alcohol		U	510
108-60-1	2,2'-oxybis(1-Chloropropane)		U	510
95-48-7	2-Methylphenol		U	510
67-72-1	Hexachloroethane		U	510
621-64-7	N-Nitroso-di-n-propylamine		U	510
106-44-5	4-Methylphenol		U	510
98-95-3	Nitrobenzene		U	510
78-59-1	Isophorone		U	510
88-75-5	2-Nitrophenol		U	510
105-67-9	2,4-Dimethylphenol		U	510
111-91-1	bis(2-Chloroethoxy)methane		U	510
120-83-2	2,4-Dichlorophenol		U	510
120-82-1	1,2,4-Trichlorobenzene		U	510
91-20-3	Naphthalene	140	J	510
106-47-8	4-Chloroaniline		U	510
87-68-3	Hexachlorobutadiene		U	510
59-50-7	4-Chloro-3-methylphenol		U	510
91-57-6	2-Methylnaphthalene	92	J	510
77-47-4	Hexachlorocyclopentadiene		U R	510
88-06-2	2,4,6-Trichlorophenol		U	510
95-95-4	2,4,5-Trichlorophenol		U	1300
91-58-7	2-Chloronaphthalene		U	510
88-74-4	2-Nitroaniline		U	1300
208-96-8	Acenaphthylene		U	510
131-11-3	Dimethylphthalate		U	510
606-20-2	2,6-Dinitrotoluene		U	510
83-32-9	Acenaphthene		U	510
99-09-2	3-Nitroaniline		U	1300
51-28-5	2,4-Dinitrophenol		U	1300
132-64-9	Dibenzofuran		U	510
121-14-2	2,4-Dinitrotoluene		U	510

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FORM I SV-1

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NYSDOH 10142

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-14RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-009RE

Sample wt/vol: 30.23 (g/ml) G Lab File ID: E72178.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 35.1 decanted: (Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.55 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1300
86-73-7	Fluorene	100	J	510
7005-72-3	4-Chlorophenyl-phenylether		U	510
84-66-2	Diethylphthalate		U	510
100-01-6	4-Nitroaniline		U	1300
534-52-1	4,6-Dinitro-2-methylphenol		U	1300
86-30-6	n-Nitrosodiphenylamine (1)		U	510
101-55-3	4-Bromophenyl-phenylether		U	510
118-74-1	Hexachlorobenzene		U	510
87-86-5	Pentachlorophenol		U	1300
85-01-8	Phenanthrene	310	J	510
120-12-7	Anthracene		U	510
84-74-2	Di-n-butylphthalate	140	J	510
206-44-0	Fluoranthene	230	J	510
129-00-0	Pyrene	460	J J	510
85-68-7	Butylbenzylphthalate		U J	510
91-94-1	3,3'-Dichlorobenzidine		U J	510
56-55-3	Benzo(a)anthracene	91	J J	510
218-01-9	Chrysene	180	J J	510
117-81-7	bis(2-Ethylhexyl)phthalate	3600	J	510
117-84-0	Di-n-octylphthalate		U J	510
205-99-2	Benzo(b)fluoranthene	130	J J	510
207-08-9	Benzo(k)fluoranthene	59	J J	510
50-32-8	Benzo(a)pyrene	84	J J	510
193-39-5	Indeno(1,2,3-cd)pyrene		U J	510
62-75-9	n-Nitrosodimethylamine		U J	510
53-70-3	Dibenz(a,h)anthracene		U J	510
191-24-2	Benzo(g,h,i)perylene	58	J J	510

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FORM I SV.2

3/00

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-14RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-009RE
 Sample wt/vol: 30.23 (g/ml) G Lab File ID: E72178.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 35.1 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.55

CONCENTRATION UNITS:

Number TICs found: 14 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.30	33000	JN
2. 000634-93-5	Benzenamine, 2,4,6-trichloro-	13.02	540	JN
3.	Unknown	15.27	230	J
4. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	15.81	510	JN
5. 000544-63-8	Tetradecanoic acid	16.42	510	JN
6. 000638-36-8	Hexadecane, 2,6,10,14-tetrameth	16.75	280	JN
7.	Unknown	18.38	660	J
8.	Unknown	18.79	2000	J
9.	Unknown	18.96	510	J
10.	Unknown	19.18	320	J
11.	Unknown	19.44	3900	J
12.	Unknown CnH2n+2	19.93	1100	J
13.	Unknown	20.38	8100	J
14. 000085-60-9	Phenol, 4,4'-butylidenebis[2-(1,1-	23.19	1100	JN

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-15

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-010
 Sample wt/vol: 30.42 (g/ml) G Lab File ID: E72146.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 48.7 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.4 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U R	640
108-95-2	Phenol		U R	640
95-57-8	2-Chlorophenol		U R	640
541-73-1	1,3-Dichlorobenzene		U R	640
106-46-7	1,4-Dichlorobenzene		U R	640
95-50-1	1,2-Dichlorobenzene		U R	640
100-51-6	Benzyl alcohol		U R	640
108-60-1	2,2'-oxybis(1-Chloropropane)		U R	640
95-48-7	2-Methylphenol		U R	640
67-72-1	Hexachloroethane		U R	640
621-64-7	N-Nitroso-di-n-propylamine		U R	640
106-44-5	4-Methylphenol		U R	640
98-95-3	Nitrobenzene		U R	640
78-59-1	Isophorone		U R	640
88-75-5	2-Nitrophenol		U R	640
105-67-9	2,4-Dimethylphenol		U R	640
111-91-1	bis(2-Chloroethoxy)methane		U R	640
120-83-2	2,4-Dichlorophenol		U R	640
120-82-1	1,2,4-Trichlorobenzene		U R	640
91-20-3	Naphthalene		U R	640
106-47-8	4-Chloroaniline		U R	640
87-68-3	Hexachlorobutadiene		U R	640
59-50-7	4-Chloro-3-methylphenol		U R	640
91-57-6	2-Methylnaphthalene		U R	640
77-47-4	Hexachlorocyclopentadiene		U R	640
88-06-2	2,4,6-Trichlorophenol		U R	640
95-95-4	2,4,5-Trichlorophenol		U R	1600
91-58-7	2-Chloronaphthalene		U R	640
88-74-4	2-Nitroaniline		U R	1600
208-96-8	Acenaphthylene		U R	640
131-11-3	Dimethylphthalate		U R	640
606-20-2	2,6-Dinitrotoluene		U R	640
83-32-9	Acenaphthene		U R	640
99-09-2	3-Nitroaniline		U R	1600
51-28-5	2,4-Dinitrophenol		U R	1600
132-64-9	Dibenzofuran		U R	640
121-14-2	2,4-Dinitrotoluene		U R	640

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FORM 1 SV-1

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NYSDOH 10142

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-15

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-010
 Sample wt/vol: 30.42 (g/ml) G Lab File ID: E72146.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 48.7 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.4 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U R	1600
86-73-7	Fluorene		U R	640
7005-72-3	4-Chlorophenyl-phenylether		U R	640
84-66-2	Diethylphthalate		U R	640
100-01-6	4-Nitroaniline		U R	1600
534-52-1	4,6-Dinitro-2-methylphenol		U R	1600
86-30-6	n-Nitrosodiphenylamine (1)		U R	640
101-55-3	4-Bromophenyl-phenylether		U R	640
118-74-1	Hexachlorobenzene		U R	640
87-86-5	Pentachlorophenol		U R	1600
85-01-8	Phenanthrene		U R	640
120-12-7	Anthracene		U R	640
84-74-2	Di-n-butylphthalate		U R	640
206-44-0	Fluoranthene		U R	640
129-00-0	Pyrene		U R	640
85-68-7	Butylbenzylphthalate		U R	640
91-94-1	3,3'-Dichlorobenzidine		U R	640
56-55-3	Benzo(a)anthracene		U R	640
218-01-9	Chrysene		U R	640
117-81-7	bis(2-Ethylhexyl)phthalate		U R	640
117-84-0	Di-n-octylphthalate		U R	640
205-99-2	Benzo(b)fluoranthene		U R	640
207-08-9	Benzo(k)fluoranthene		U R	640
50-32-8	Benzo(a)pyrene		U R	640
193-39-5	Indeno(1,2,3-cd)pyrene		U R	640
62-75-9	n-Nitrosodimethylamine		U R	640
53-70-3	Dibenz(a,h)anthracene		U R	640
191-24-2	Benzo(g,h,i)perylene		U R	640

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FORM I SV-2

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NYSDOH 10142

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CTDOHS PH-0554

EPA NY049

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-15

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Matrix: (soil/water) SOIL Lab Sample ID: 237118-010
Sample wt/vol: 30.42 (g/ml) G Lab File ID: E72146.D
Level: (low/med) LOW Date Received: 6/9/2004
% Moisture: 48.7 decanted: (Y/N) N Date Extracted: 6/18/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.4

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.21	11000	JN
2.	C18H18 isomer	20.32	190	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP-15RR

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-010RR

Sample wt/vol: 27.23 (g/ml) G Lab File ID: E72215.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 48.7 decanted:(Y/N) N Date Extracted: 6/24/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.4 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U J	720
108-95-2	Phenol		U J	720
95-57-8	2-Chlorophenol		U J	720
541-73-1	1,3-Dichlorobenzene		U J	720
106-46-7	1,4-Dichlorobenzene		U J	720
95-50-1	1,2-Dichlorobenzene		U J	720
100-51-6	Benzyl alcohol		U J	720
108-60-1	2,2'-oxybis(1-Chloropropane)		U J	720
95-48-7	2-Methylphenol		U J	720
67-72-1	Hexachloroethane		U J	720
621-64-7	N-Nitroso-di-n-propylamine		U J	720
106-44-5	4-Methylphenol		U J	720
98-95-3	Nitrobenzene		U J	720
78-59-1	Isophorone		U J	720
88-75-5	2-Nitrophenol		U J	720
105-67-9	2,4-Dimethylphenol		U J	720
111-91-1	bis(2-Chloroethoxy)methane		U J	720
120-83-2	2,4-Dichlorophenol		U J	720
120-82-1	1,2,4-Trichlorobenzene		U J	720
91-20-3	Naphthalene		U J	720
106-47-8	4-Chloroaniline		U J	720
87-68-3	Hexachlorobutadiene		U J	720
59-50-7	4-Chloro-3-methylphenol		U J	720
91-57-6	2-Methylnaphthalene		U J	720
77-47-4	Hexachlorocyclopentadiene		U R	720
88-06-2	2,4,6-Trichlorophenol		U J	720
95-95-4	2,4,5-Trichlorophenol		U J	1800
91-58-7	2-Chloronaphthalene		U J	720
88-74-4	2-Nitroaniline		U J	1800
208-96-8	Acenaphthylene		U J	720
131-11-3	Dimethylphthalate		U J	720
606-20-2	2,6-Dinitrotoluene		U J	720
83-32-9	Acenaphthene		U J	720
99-09-2	3-Nitroaniline		U J	1800
51-28-5	2,4-Dinitrophenol		U J	1800
132-64-9	Dibenzofuran		U J	720
121-14-2	2,4-Dinitrotoluene		U J	720

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-15RR

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-010RR
 Sample wt/vol: 27.23 (g/ml) G Lab File ID: E72215.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 48.7 decanted:(Y/N) N Date Extracted: 6/24/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.4 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

100-02-7	4-Nitrophenol		U J	1800
86-73-7	Fluorene		U J	720
7005-72-3	4-Chlorophenyl-phenylether		U J	720
84-66-2	Diethylphthalate		U J	720
100-01-6	4-Nitroaniline		U J	1800
534-52-1	4,6-Dinitro-2-methylphenol		U J	1800
86-30-6	n-Nitrosodiphenylamine (1)		U J	720
101-55-3	4-Bromophenyl-phenylether		U J	720
118-74-1	Hexachlorobenzene		U J	720
87-86-5	Pentachlorophenol		U J	1800
85-01-8	Phenanthrene	170	J J	720
120-12-7	Anthracene		U J	720
84-74-2	Di-n-butylphthalate	98	J J	720
206-44-0	Fluoranthene	320	J J	720
129-00-0	Pyrene	620	J J	720
85-68-7	Butylbenzylphthalate		U J	720
91-94-1	3,3'-Dichlorobenzidine		U J	720
56-55-3	Benzo(a)anthracene	190	J J	720
218-01-9	Chrysene	270	J J	720
117-81-7	bis(2-Ethylhexyl)phthalate	4600	J	720
117-84-0	Di-n-octylphthalate		U J	720
205-99-2	Benzo(b)fluoranthene	360	J J	720
207-08-9	Benzo(k)fluoranthene	130	J J	720
50-32-8	Benzo(a)pyrene	200	J J	720
193-39-5	Indeno(1,2,3-cd)pyrene	130	J J	720
62-75-9	n-Nitrosodimethylamine		U J	720
53-70-3	Dibenz(a,h)anthracene		U J	720
191-24-2	Benzo(g,h,i)perylene	150	J J	720

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FORM LSV-2

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-15RR

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-010RR

Sample wt/vol: 27.23 (g/ml) G Lab File ID: E72215.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 48.7 decanted: (Y/N) N Date Extracted: 6/24/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.4

CONCENTRATION UNITS:

Number TICs found: 15 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 010574-37-5	2-Pentene, 2,3-dimethyl-	4.31	1800	JN
2. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.27	66000	JN
3.	Unknown CnH2n+O2	18.11	1800	J
4.	Unknown	18.31	650	J
5.	Unknown	18.70	490	J
6.	C18H22 isomer	19.35	980	J
7.	Unknown CnH2n+2	19.88	510	J
8.	C18H18 isomer	20.31	1800	J
9.	Unknown CnH2n+2	20.59	710	J
10.	Unknown CnH2n+2	21.29	640	J
11.	Unknown CnH2n+2	21.95	780	J
12.	Unknown CnH2n+2	22.59	790	J
13.	Unknown CnH2n+2	23.19	740	J
14.	Unknown CnH2n+2	23.78	1600	J
15.	Unknown CnH2n+2	24.36	1400	J

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-2

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-011
 Sample wt/vol: 30.15 (g/ml) G Lab File ID: E72152.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 23.7 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.75 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	430
108-95-2	Phenol		U	430
95-57-8	2-Chlorophenol		U	430
541-73-1	1,3-Dichlorobenzene		U	430
106-46-7	1,4-Dichlorobenzene		U	430
95-50-1	1,2-Dichlorobenzene		U	430
100-51-6	Benzyl alcohol		U	430
108-60-1	2,2'-oxybis(1-Chloropropane)		U	430
95-48-7	2-Methylphenol		U	430
67-72-1	Hexachloroethane		U	430
621-64-7	N-Nitroso-di-n-propylamine		U	430
106-44-5	4-Methylphenol	57	J	430
98-95-3	Nitrobenzene		U	430
78-59-1	Isophorone		U	430
88-75-5	2-Nitrophenol		U	430
105-67-9	2,4-Dimethylphenol		U	430
111-91-1	bis(2-Chloroethoxy)methane		U	430
120-83-2	2,4-Dichlorophenol		U	430
120-82-1	1,2,4-Trichlorobenzene		U	430
91-20-3	Naphthalene	520		430
106-47-8	4-Chloroaniline		U	430
87-68-3	Hexachlorobutadiene		U	430
59-50-7	4-Chloro-3-methylphenol		U	430
91-57-6	2-Methylnaphthalene	240	J	430
77-47-4	Hexachlorocyclopentadiene		U	430
88-06-2	2,4,6-Trichlorophenol		U	430
95-95-4	2,4,5-Trichlorophenol		U	1100
91-58-7	2-Chloronaphthalene		U	430
88-74-4	2-Nitroaniline		U	1100
208-96-8	Acenaphthylene		U	430
131-11-3	Dimethylphthalate		U	430
606-20-2	2,6-Dinitrotoluene		U	430
83-32-9	Acenaphthene	100	J	430
99-09-2	3-Nitroaniline		U	1100
51-28-5	2,4-Dinitrophenol		U	1100
132-64-9	Dibenzofuran	160	J	430
121-14-2	2,4-Dinitrotoluene		U	430

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FORM I SV-1

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-2

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-011

Sample wt/vol: 30.15 (g/ml) G Lab File ID: E72152.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 23.7 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.75 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1100
86-73-7	Fluorene	290	J	430
7005-72-3	4-Chlorophenyl-phenylether		U	430
84-66-2	Diethylphthalate		U	430
100-01-6	4-Nitroaniline		U	1100
534-52-1	4,6-Dinitro-2-methylphenol		U	1100
86-30-6	n-Nitrosodiphenylamine (1)		U	430
101-55-3	4-Bromophenyl-phenylether		U	430
118-74-1	Hexachlorobenzene		U	430
87-86-5	Pentachlorophenol		U	1100
85-01-8	Phenanthrene	930		430
120-12-7	Anthracene	180	J	430
84-74-2	Di-n-butylphthalate		U	430
206-44-0	Fluoranthene	620		430
129-00-0	Pyrene	460		430
85-68-7	Butylbenzylphthalate		U	430
91-94-1	3,3'-Dichlorobenzidine		U	430
56-55-3	Benzo(a)anthracene	170	J	430
218-01-9	Chrysene	230	J	430
117-81-7	bis(2-Ethylhexyl)phthalate	580		430
117-84-0	Di-n-octylphthalate		U	430
205-99-2	Benzo(b)fluoranthene	230	J	430
207-08-9	Benzo(k)fluoranthene	72	J	430
50-32-8	Benzo(a)pyrene	150	J	430
193-39-5	Indeno(1,2,3-cd)pyrene	54	J	430
62-75-9	n-Nitrosodimethylamine		U	430
53-70-3	Dibenz(a,h)anthracene		U	430
191-24-2	Benzo(g,h,i)perylene	50	J	430

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FORM SV-2

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

3/90

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-2

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-011
 Sample wt/vol: 30.15 (g/ml) G Lab File ID: E72152.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 23.7 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.75

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.33	24000	JN
2. 000108-38-3	Benzene, 1,3-dimethyl-	5.59	1600	JN
3. 86-74-8	Carbazole	17.38	53	JN
4.	Unknown	18.08	220	J
5.	C18H18 isomer	20.34	240	J

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NYSDOH 10142

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FORM 1 SV TIC
CTDOHS PH-0554

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Tel (845) 562-0890
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP-1

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-012

Sample wt/vol: 30.04 (g/ml) G Lab File ID: E72162.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 25.2 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.6 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	450
108-95-2	Phenol		U	450
95-57-8	2-Chlorophenol		U	450
541-73-1	1,3-Dichlorobenzene		U	450
106-46-7	1,4-Dichlorobenzene		U	450
95-50-1	1,2-Dichlorobenzene		U	450
100-51-6	Benzyl alcohol		U	450
108-60-1	2,2'-oxybis(1-Chloropropane)		U	450
95-48-7	2-Methylphenol		U	450
67-72-1	Hexachloroethane		U	450
621-64-7	N-Nitroso-di-n-propylamine		U	450
106-44-5	4-Methylphenol		U	450
98-95-3	Nitrobenzene		U	450
78-59-1	Isophorone		U	450
88-75-5	2-Nitrophenol		U	450
105-67-9	2,4-Dimethylphenol		U	450
111-91-1	bis(2-Chloroethoxy)methane		U	450
120-83-2	2,4-Dichlorophenol		U	450
120-82-1	1,2,4-Trichlorobenzene		U	450
91-20-3	Naphthalene	180	J	450
106-47-8	4-Chloroaniline		U	450
87-68-3	Hexachlorobutadiene		U	450
59-50-7	4-Chloro-3-methylphenol		U	450
91-57-6	2-Methylnaphthalene	150	J	450
77-47-4	Hexachlorocyclopentadiene		U J	450
88-06-2	2,4,6-Trichlorophenol		U J	450
95-95-4	2,4,5-Trichlorophenol		U J	1100
91-58-7	2-Chloronaphthalene		U J	450
88-74-4	2-Nitroaniline		U J	1100
208-96-8	Acenaphthylene		U J	450
131-11-3	Dimethylphthalate		U J	450
606-20-2	2,6-Dinitrotoluene		U J	450
83-32-9	Acenaphthene	410	J J	450
99-09-2	3-Nitroaniline		U J	1100
51-28-5	2,4-Dinitrophenol		U J	1100
132-64-9	Dibenzofuran		U J	450
121-14-2	2,4-Dinitrotoluene		U J	450

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-1

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-012
 Sample wt/vol: 30.04 (g/ml) G Lab File ID: E72162.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 25.2 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.6 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U J	1100
86-73-7	Fluorene	1300	J	450
7005-72-3	4-Chlorophenyl-phenylether		U J	450
84-66-2	Diethylphthalate		U J	450
100-01-6	4-Nitroaniline		U J	1100
534-52-1	4,6-Dinitro-2-methylphenol		U J	1100
86-30-6	n-Nitrosodiphenylamine (1)		U J	450
101-55-3	4-Bromophenyl-phenylether		U J	450
118-74-1	Hexachlorobenzene		U J	450
87-86-5	Pentachlorophenol		U J	1100
85-01-8	Phenanthrene	4400	E J	450
120-12-7	Anthracene	1200	J	450
84-74-2	Di-n-butylphthalate		U J	450
206-44-0	Fluoranthene	1800	J	450
129-00-0	Pyrene	3900	E J	450
85-68-7	Butylbenzylphthalate		U J	450
91-94-1	3,3'-Dichlorobenzidine		U J	450
56-55-3	Benzo(a)anthracene	700	J	450
218-01-9	Chrysene	1000	J	450
117-81-7	bis(2-Ethylhexyl)phthalate		U J	450
117-84-0	Di-n-octylphthalate		U J	450
205-99-2	Benzo(b)fluoranthene	750	J	450
207-08-9	Benzo(k)fluoranthene	310	J J	450
50-32-8	Benzo(a)pyrene	460	J	450
193-39-5	Indeno(1,2,3-cd)pyrene	190	J J	450
62-75-9	n-Nitrosodimethylamine		U J	450
53-70-3	Dibenz(a,h)anthracene		U J	450
191-24-2	Benzo(g,h,i)perylene	360	J J	450

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NYSDOH 10142

NJDEP 73015

FORM I SV-2

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-1

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-012
 Sample wt/vol: 30.04 (g/ml) G Lab File ID: E72162.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 25.2 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.6

CONCENTRATION UNITS:

Number TICs found: 17 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.20	30000	JN
2. 000112-40-3	Dodecane	9.28	220	JN
3.	C10H14 isomer	9.42	360	J
4.	Unknown CnH2n	9.61	800	J
5.	Unknown CnH2n+2	9.80	360	J
6.	C10H14 isomer	9.86	510	J
7.	Unknown CnH2n+2	9.93	420	J
8.	Unknown CnH2n+2	10.03	710	J
9. 017301-23-4	Undecane, 2,6-dimethyl-	10.58	2200	JN
10.	C11H16 isomer	10.76	1100	J
11.	Unknown CnH2n	10.99	780	J
12.	Unknown CnH2n+2	11.32	4400	J
13.	Unknown	24.74	890	J
14. 55401-75-7	Anthracene, 9-dodecyltetradecah	24.99	890	JN
15.	Unknown	25.68	2000	J
16.	Unknown	26.14	2400	J
17.	Unknown	26.71	530	J

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FORM 1 SV-TIC

3/90

NYSDOH 10142

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CTDOHS PH-0554

EPA NY049

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP-1DL

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-012DL

Sample wt/vol: 30.04 (g/ml) G Lab File ID: E72165.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 25.2 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 7.6 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	890
108-95-2	Phenol		U	890
95-57-8	2-Chlorophenol		U	890
541-73-1	1,3-Dichlorobenzene		U	890
106-46-7	1,4-Dichlorobenzene		U	890
95-50-1	1,2-Dichlorobenzene		U	890
100-51-6	Benzyl alcohol		U	890
108-60-1	2,2'-oxybis(1-Chloropropane)		U	890
95-48-7	2-Methylphenol		U	890
67-72-1	Hexachloroethane		U	890
621-64-7	N-Nitroso-di-n-propylamine		U	890
106-44-5	4-Methylphenol		U	890
98-95-3	Nitrobenzene		U	890
78-59-1	Isophorone		U	890
88-75-5	2-Nitrophenol		U	890
105-67-9	2,4-Dimethylphenol		U	890
111-91-1	bis(2-Chloroethoxy)methane		U	890
120-83-2	2,4-Dichlorophenol		U	890
120-82-1	1,2,4-Trichlorobenzene		U	890
91-20-3	Naphthalene	180	JD	890
106-47-8	4-Chloroaniline		U	890
87-68-3	Hexachlorobutadiene		U	890
59-50-7	4-Chloro-3-methylphenol		U	890
91-57-6	2-Methylnaphthalene	150	JD	890
77-47-4	Hexachlorocyclopentadiene		U R	890
88-06-2	2,4,6-Trichlorophenol		U	890
95-95-4	2,4,5-Trichlorophenol		U	2200
91-58-7	2-Chloronaphthalene		U	890
88-74-4	2-Nitroaniline		U	2200
208-96-8	Acenaphthylene		U	890
131-11-3	Dimethylphthalate		U	890
606-20-2	2,6-Dinitrotoluene		U	890
83-32-9	Acenaphthene	980	D	890
99-09-2	3-Nitroaniline		U	2200
51-28-5	2,4-Dinitrophenol		U	2200
132-64-9	Dibenzofuran		U	890
121-14-2	2,4-Dinitrotoluene		U	890

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-1DL

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-012DL
 Sample wt/vol: 30.04 (g/ml) G Lab File ID: E72165.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 25.2 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 2.0
 GPC Cleanup: (Y/N) N pH: 7.6 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

100-02-7	4-Nitrophenol		U	2200
86-73-7	Fluorene	1500	D	890
7005-72-3	4-Chlorophenyl-phenylether		U	890
84-66-2	Diethylphthalate		U	890
100-01-6	4-Nitroaniline		U	2200
534-52-1	4,6-Dinitro-2-methylphenol		U J	2200
86-30-6	n-Nitrosodiphenylamine (1)		U J	890
101-55-3	4-Bromophenyl-phenylether		U J	890
118-74-1	Hexachlorobenzene		U J	890
87-86-5	Pentachlorophenol		U J	2200
85-01-8	Phenanthrene	5900	D J	890
120-12-7	Anthracene	990	D J	890
84-74-2	Di-n-butylphthalate		U J	890
206-44-0	Fluoranthene	2300	D J	890
129-00-0	Pyrene	2300	D J	890
85-68-7	Butylbenzylphthalate		U J	890
91-94-1	3,3'-Dichlorobenzidine		U J	890
56-55-3	Benzo(a)anthracene	840	JD J	890
218-01-9	Chrysene	980	D J	890
117-81-7	bis(2-Ethylhexyl)phthalate		U J	890
117-84-0	Di-n-octylphthalate		U J	890
205-99-2	Benzo(b)fluoranthene	760	JD J	890
207-08-9	Benzo(k)fluoranthene	240	JD J	890
50-32-8	Benzo(a)pyrene	410	JD J	890
193-39-5	Indeno(1,2,3-cd)pyrene	190	JD J	890
62-75-9	n-Nitrosodimethylamine		U J	890
53-70-3	Dibenz(a,h)anthracene		U J	890
191-24-2	Benzo(g,h,i)perylene	230	JD J	890

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FORM I SV 2

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-8

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-013
 Sample wt/vol: 30.52 (g/ml) G Lab File ID: E72156.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 29.9 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.2 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	470
108-95-2	Phenol	2200		470
95-57-8	2-Chlorophenol		U	470
541-73-1	1,3-Dichlorobenzene		U	470
106-46-7	1,4-Dichlorobenzene		U	470
95-50-1	1,2-Dichlorobenzene		U	470
100-51-6	Benzyl alcohol		U	470
108-60-1	2,2'-oxybis(1-Chloropropane)		U	470
95-48-7	2-Methylphenol	530		470
67-72-1	Hexachloroethane		U	470
621-64-7	N-Nitroso-di-n-propylamine		U	470
106-44-5	4-Methylphenol	310	J	470
98-95-3	Nitrobenzene		U	470
78-59-1	Isophorone		U	470
88-75-5	2-Nitrophenol		U	470
105-67-9	2,4-Dimethylphenol	300	J	470
111-91-1	bis(2-Chloroethoxy)methane		U	470
120-83-2	2,4-Dichlorophenol		U	470
120-82-1	1,2,4-Trichlorobenzene		U	470
91-20-3	Naphthalene	1000		470
106-47-8	4-Chloroaniline		U	470
87-68-3	Hexachlorobutadiene		U	470
59-50-7	4-Chloro-3-methylphenol		U	470
91-57-6	2-Methylnaphthalene	560		470
77-47-4	Hexachlorocyclopentadiene		U	470
88-06-2	2,4,6-Trichlorophenol		U	470
95-95-4	2,4,5-Trichlorophenol		U	1200
91-58-7	2-Chloronaphthalene		U	470
88-74-4	2-Nitroaniline		U	1200
208-96-8	Acenaphthylene		U	470
131-11-3	Dimethylphthalate		U	470
606-20-2	2,6-Dinitrotoluene		U	470
83-32-9	Acenaphthene	80	J	470
99-09-2	3-Nitroaniline		U	1200
51-28-5	2,4-Dinitrophenol		U	1200
132-64-9	Dibenzofuran	150	J	470
121-14-2	2,4-Dinitrotoluene		U	470

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FORM I SV-1

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-8

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-013
 Sample wt/vol: 30.52 (g/ml) G Lab File ID: E72156.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 29.9 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.2 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1200
86-73-7	Fluorene	160	J	470
7005-72-3	4-Chlorophenyl-phenylether		U	470
84-66-2	Diethylphthalate		U	470
100-01-6	4-Nitroaniline		U	1200
534-52-1	4,6-Dinitro-2-methylphenol		U	1200
86-30-6	n-Nitrosodiphenylamine (1)		U	470
101-55-3	4-Bromophenyl-phenylether		U	470
118-74-1	Hexachlorobenzene		U	470
87-86-5	Pentachlorophenol		U	1200
85-01-8	Phenanthrene	1100		470
120-12-7	Anthracene	260	J	470
84-74-2	Di-n-butylphthalate	65	J	470
206-44-0	Fluoranthene	1200		470
129-00-0	Pyrene	1600		470
85-68-7	Butylbenzylphthalate		U	470
91-94-1	3,3'-Dichlorobenzidine		U	470
56-55-3	Benzo(a)anthracene	600		470
218-01-9	Chrysene	720		470
117-81-7	bis(2-Ethylhexyl)phthalate	320	J	470
117-84-0	Di-n-octylphthalate		U J	470
205-99-2	Benzo(b)fluoranthene	980	J	470
207-08-9	Benzo(k)fluoranthene	270	J J	470
50-32-8	Benzo(a)pyrene	570	J	470
193-39-5	Indeno(1,2,3-cd)pyrene	280	J J	470
62-75-9	n-Nitrosodimethylamine		U J	470
53-70-3	Dibenz(a,h)anthracene	97	J J	470
191-24-2	Benzo(g,h,i)perylene	290	J J	470

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FORM 1 SV-2

3/90

NYSOEH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-8

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-013
 Sample wt/vol: 30.52 (g/ml) G Lab File ID: E72156.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 29.9 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.2

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.30	23000	JN
2. 000124-18-5	Decane	7.59	830	JN
3. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	8.91	360	JN
4. 001120-21-4	Undecane	9.06	790	JN
5.	tetramethyl Benzene isomer	9.42	370	J
6.	Unknown CnH2n+2	14.50	310	J
7.	Unknown CnH2n+2	14.88	1000	J
8.	C13H38 isomer	15.34	1100	J
9. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	15.91	14000	JN
10.	Unknown CnH2n+2	16.31	840	J
11.	Unknown CnH2n+2	16.38	610	J
12. 002057-49-0	Pyridine, 4-(3-phenylpropyl)-	16.67	980	JN
13. 000593-45-3	Octadecane	16.78	4300	JN
14.	Unknown CnH2n+2	16.85	4400	J
15.	Unknown Unknown Benzenedicar	17.35	2200	J
16. 86-74-8	Carbazole	17.43	120	JN
17.	Unknown CnH2n+2	17.54	980	J
18.	Unknown CnH2n+2	17.64	3100	J
19.	Unknown CnH2n+2	18.47	1900	J
20.	Unknown	25.66	930	J

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NYSDOH 10142

NJDEP 73015

FORM 1 SV TIC
CTDOHS PH-0554

EPA NY049

PA 68-378

3/90
M-NY049

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-8RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-013RE
 Sample wt/vol: 30.52 (g/ml) G Lab File ID: E72175.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 29.9 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.2 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	470
108-95-2	Phenol	2300		470
95-57-8	2-Chlorophenol		U	470
541-73-1	1,3-Dichlorobenzene		U	470
106-46-7	1,4-Dichlorobenzene		U	470
95-50-1	1,2-Dichlorobenzene		U	470
100-51-6	Benzyl alcohol		U	470
108-60-1	2,2'-oxybis(1-Chloropropane)		U	470
95-48-7	2-Methylphenol	530		470
67-72-1	Hexachloroethane		U	470
621-64-7	N-Nitroso-di-n-propylamine		U	470
106-44-5	4-Methylphenol	300	J	470
98-95-3	Nitrobenzene		U	470
78-59-1	Isophorone		U	470
88-75-5	2-Nitrophenol		U	470
105-67-9	2,4-Dimethylphenol	300	J	470
111-91-1	bis(2-Chloroethoxy)methane		U	470
120-83-2	2,4-Dichlorophenol		U	470
120-82-1	1,2,4-Trichlorobenzene		U	470
91-20-3	Naphthalene	1000		470
106-47-8	4-Chloroaniline		U	470
87-68-3	Hexachlorobutadiene		U	470
59-50-7	4-Chloro-3-methylphenol		U	470
91-57-6	2-Methylnaphthalene	560		470
77-47-4	Hexachlorocyclopentadiene		U R	470
88-06-2	2,4,6-Trichlorophenol		U	470
95-95-4	2,4,5-Trichlorophenol		U	1200
91-58-7	2-Chloronaphthalene		U	470
88-74-4	2-Nitroaniline		U	1200
208-96-8	Acenaphthylene		U	470
131-11-3	Dimethylphthalate		U	470
606-20-2	2,6-Dinitrotoluene		U	470
83-32-9	Acenaphthene	80	J	470
99-09-2	3-Nitroaniline		U	1200
51-28-5	2,4-Dinitrophenol		U	1200
132-64-9	Dibenzofuran	140	J	470
121-14-2	2,4-Dinitrotoluene		U	470

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-8RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-013RE
 Sample wt/vol: 30.52 (g/ml) G Lab File ID: E72175.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 29.9 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.2 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1200
86-73-7	Fluorene	150	J	470
7005-72-3	4-Chlorophenyl-phenylether		U	470
84-66-2	Diethylphthalate		U	470
100-01-6	4-Nitroaniline		U	1200
534-52-1	4,6-Dinitro-2-methylphenol		U	1200
86-30-6	n-Nitrosodiphenylamine (1)		U	470
101-55-3	4-Bromophenyl-phenylether		U	470
118-74-1	Hexachlorobenzene		U	470
87-86-5	Pentachlorophenol		U	1200
85-01-8	Phenanthrene	1000		470
120-12-7	Anthracene	260	J	470
84-74-2	Di-n-butylphthalate	67	J	470
206-44-0	Fluoranthene	1100		470
129-00-0	Pyrene	1800		470
85-68-7	Butylbenzylphthalate		U	470
91-94-1	3,3'-Dichlorobenzidine		U	470
56-55-3	Benzo(a)anthracene	610		470
218-01-9	Chrysene	670		470
117-81-7	bis(2-Ethylhexyl)phthalate	350	J	470
117-84-0	Di-n-octylphthalate		U	470
205-99-2	Benzo(b)fluoranthene	1100	J	470
207-08-9	Benzo(k)fluoranthene	300	J	470
50-32-8	Benzo(a)pyrene	590	J	470
193-39-5	Indeno(1,2,3-cd)pyrene	250	J	470
62-75-9	n-Nitrosodimethylamine		U	470
53-70-3	Dibenz(a,h)anthracene	130	J	470
191-24-2	Benzo(g,h,i)perylene	300	J	470

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NYSDOH 10142

NJDEP 73015

FORM 1 SV 2

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-8RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-013RE

Sample wt/vol: 30.52 (g/ml) G Lab File ID: E72175.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 29.9 decanted: (Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8.2

CONCENTRATION UNITS:

Number TICs found: 21 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.26	24000	JN
2.	trimethylbenzene isomer	7.56	820	J
3. 1120-21-4	Undecane	9.04	790	JN
4. 000095-93-2	tetramethylbenzene isomer	9.41	440	J
5. 000544-76-3	Hexadecane	14.87	1100	JN
6.	dimethylundecane isomer	15.32	1200	J
7. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	15.89	9200	JN
8.	Unknown CnH2n+2	16.29	680	J
9.	Unknown CnH2n+2	16.36	570	J
10.	Unknown CnH2n+2	16.41	440	J
11.	Unknown CnH2n+2	16.48	470	J
12. 002057-49-0	Pyridine, 4-(3-phenylpropyl)-	16.65	830	JN
13.	Unknown CnH2n+2	16.76	3800	J
14.	Unknown CnH2n+2	16.82	3600	J
15.	unknown phthalate	17.32	1500	J
16. 86-74-8	Carbazole	17.41	120	JN
17.	Unknown CnH2n+2	17.52	610	J
18.	Unknown CnH2n+2	17.63	2300	J
19. 000112-95-8	Eicosane	18.45	1300	JN
20.	Unknown CnH2n+2	19.97	930	J
21.	Unknown	25.63	930	J

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FORM 1 SV TIC
CTDOHS PH-0554

EPA NY049

PA 68-378

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-7

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-014
 Sample wt/vol: 30.06 (g/ml) G Lab File ID: E72149.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 12.7 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.54 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	380
108-95-2	Phenol	1400		380
95-57-8	2-Chlorophenol		U	380
541-73-1	1,3-Dichlorobenzene		U	380
106-46-7	1,4-Dichlorobenzene		U	380
95-50-1	1,2-Dichlorobenzene		U	380
100-51-6	Benzyl alcohol		U	380
108-60-1	2,2'-oxybis(1-Chloropropane)		U	380
95-48-7	2-Methylphenol	440		380
67-72-1	Hexachloroethane		U	380
621-64-7	N-Nitroso-di-n-propylamine		U	380
106-44-5	4-Methylphenol	420		380
98-95-3	Nitrobenzene		U	380
78-59-1	Isophorone		U	380
88-75-5	2-Nitrophenol		U	380
105-67-9	2,4-Dimethylphenol	220	J	380
111-91-1	bis(2-Chloroethoxy)methane		U	380
120-83-2	2,4-Dichlorophenol		U	380
120-82-1	1,2,4-Trichlorobenzene		U	380
91-20-3	Naphthalene	850		380
106-47-8	4-Chloroaniline		U	380
87-68-3	Hexachlorobutadiene		U	380
59-50-7	4-Chloro-3-methylphenol		U	380
91-57-6	2-Methylnaphthalene	1100		380
77-47-4	Hexachlorocyclopentadiene		U	380
88-06-2	2,4,6-Trichlorophenol		U	380
95-95-4	2,4,5-Trichlorophenol		U	950
91-58-7	2-Chloronaphthalene		U	380
88-74-4	2-Nitroaniline		U	950
208-96-8	Acenaphthylene		U	380
131-11-3	Dimethylphthalate		U	380
606-20-2	2,6-Dinitrotoluene		U	380
83-32-9	Acenaphthene		U	380
99-09-2	3-Nitroaniline		U	950
51-28-5	2,4-Dinitrophenol		U	950
132-64-9	Dibenzofuran	89	J	380
121-14-2	2,4-Dinitrotoluene		U	380

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-7

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-014

Sample wt/vol: 30.06 (g/ml) G Lab File ID: E72149.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 12.7 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8.54 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	950
86-73-7	Fluorene	87	J	380
7005-72-3	4-Chlorophenyl-phenylether		U	380
84-66-2	Diethylphthalate		U	380
100-01-6	4-Nitroaniline		U	950
534-52-1	4,6-Dinitro-2-methylphenol		U	950
86-30-6	n-Nitrosodiphenylamine (1)		U	380
101-55-3	4-Bromophenyl-phenylether		U	380
118-74-1	Hexachlorobenzene		U	380
87-86-5	Pentachlorophenol		U	950
85-01-8	Phenanthrene	330	J	380
120-12-7	Anthracene	79	J	380
84-74-2	Di-n-butylphthalate		U	380
206-44-0	Fluoranthene	130	J	380
129-00-0	Pyrene	100	J	380
85-68-7	Butylbenzylphthalate		U	380
91-94-1	3,3'-Dichlorobenzidine		U	380
56-55-3	Benzo(a)anthracene		U	380
218-01-9	Chrysene	53	J	380
117-81-7	bis(2-Ethylhexyl)phthalate	100	J	380
117-84-0	Di-n-octylphthalate		U	380
205-99-2	Benzo(b)fluoranthene	41	J	380
207-08-9	Benzo(k)fluoranthene		U	380
50-32-8	Benzo(a)pyrene		U	380
193-39-5	Indeno(1,2,3-cd)pyrene		U	380
62-75-9	n-Nitrosodimethylamine		U	380
53-70-3	Dibenz(a,h)anthracene		U	380
191-24-2	Benzo(g,h,i)perylene		U	380

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FORM I SV-2

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-7

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-014
 Sample wt/vol: 30.06 (g/ml) G Lab File ID: E72149.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 12.7 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.54

CONCENTRATION UNITS:

Number TICs found: 19 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.32	19000	JN
2. 000108-67-8	Benzene, 1,3,5-trimethyl-	7.59	220	JN
3. 000104-76-7	1-Hexanol, 2-ethyl-	8.08	260	JN
4. 001120-21-4	Undecane	9.07	350	JN
5.	ethyl-dimethyl Benzene isomer	9.86	360	J
6. 000090-12-0	Naphthalene, 1-methyl-	11.97	450	JN
7.	dimethyl Naphthalene isomer	13.03	240	J
8.	dimethyl Naphthalene isomer	13.19	240	J
9.	dimethyl Naphthalene isomer	13.41	230	J
10. 000544-76-3	Hexadecane	14.84	300	JN
11. 000629-78-7	Heptadecane	15.80	670	JN
12. 000593-45-3	Octadecane	16.71	420	JN
13.	C20H42 isomer	16.78	450	J
14. 000629-92-5	Nonadecane	17.58	430	JN
15.	C15H12 isomer	18.15	220	J
16. 000112-95-8	Eicosane	18.40	330	JN
17.	C13H1202 isomer	18.64	330	J
18. 000629-94-7	Heneicosane	19.18	420	JN
19.	Unknown Hexanedioic acid	21.30	4100	J

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FORM 1 SV TIC
CTDOHS PH-0554

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-6

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-015
 Sample wt/vol: 30.9 (g/ml) G Lab File ID: E72160.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 18.9 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.72 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	400
108-95-2	Phenol	1500		400
95-57-8	2-Chlorophenol		U	400
541-73-1	1,3-Dichlorobenzene		U	400
106-46-7	1,4-Dichlorobenzene	40	J	400
95-50-1	1,2-Dichlorobenzene		U	400
100-51-6	Benzyl alcohol		U	400
108-60-1	2,2'-oxybis(1-Chloropropane)		U	400
95-48-7	2-Methylphenol	830		400
67-72-1	Hexachloroethane		U	400
621-64-7	N-Nitroso-di-n-propylamine		U	400
106-44-5	4-Methylphenol	940		400
98-95-3	Nitrobenzene		U	400
78-59-1	Isophorone	410		400
88-75-5	2-Nitrophenol		U	400
105-67-9	2,4-Dimethylphenol	770		400
111-91-1	bis(2-Chloroethoxy)methane		U	400
120-83-2	2,4-Dichlorophenol		U	400
120-82-1	1,2,4-Trichlorobenzene		U	400
91-20-3	Naphthalene	1400		400
106-47-8	4-Chloroaniline		U	400
87-68-3	Hexachlorobutadiene		U	400
59-50-7	4-Chloro-3-methylphenol		U	400
91-57-6	2-Methylnaphthalene	1600		400
77-47-4	Hexachlorocyclopentadiene		U	400
88-06-2	2,4,6-Trichlorophenol		U	400
95-95-4	2,4,5-Trichlorophenol	130	J	1000
91-58-7	2-Chloronaphthalene		U	400
88-74-4	2-Nitroaniline		U	1000
208-96-8	Acenaphthylene		U	400
131-11-3	Dimethylphthalate		U	400
606-20-2	2,6-Dinitrotoluene		U	400
83-32-9	Acenaphthene	460		400
99-09-2	3-Nitroaniline		U	1000
51-28-5	2,4-Dinitrophenol		U	1000
132-64-9	Dibenzofuran	480		400
121-14-2	2,4-Dinitrotoluene		U	400

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-6

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-015
 Sample wt/vol: 30.9 (g/ml) G Lab File ID: E72160.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 18.9 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.72 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

100-02-7	4-Nitrophenol		U	1000
86-73-7	Fluorene	640		400
7005-72-3	4-Chlorophenyl-phenylether		U	400
84-66-2	Diethylphthalate		U	400
100-01-6	4-Nitroaniline		U	1000
534-52-1	4,6-Dinitro-2-methylphenol		U J	1000
86-30-6	n-Nitrosodiphenylamine (1)		U J	400
101-55-3	4-Bromophenyl-phenylether		U J	400
118-74-1	Hexachlorobenzene		U J	400
87-86-5	Pentachlorophenol		U J	1000
85-01-8	Phenanthrene	2200	J	400
120-12-7	Anthracene	660	J	400
84-74-2	Di-n-butylphthalate		U J	400
206-44-0	Fluoranthene	1600	J	400
129-00-0	Pyrene	3400	E J	400
85-68-7	Butylbenzylphthalate		U J	400
91-94-1	3,3'-Dichlorobenzidine		U J	400
56-55-3	Benzo(a)anthracene	1100	J	400
218-01-9	Chrysene	1100	J	400
117-81-7	bis(2-Ethylhexyl)phthalate	1200	J	400
117-84-0	Di-n-octylphthalate	83	J J	400
205-99-2	Benzo(b)fluoranthene	1500	J J	400
207-08-9	Benzo(k)fluoranthene	470	J J	400
50-32-8	Benzo(a)pyrene	970	J	400
193-39-5	Indeno(1,2,3-cd)pyrene	480	J	400
62-75-9	n-Nitrosodimethylamine		U J	400
53-70-3	Dibenz(a,h)anthracene	170	J J	400
191-24-2	Benzo(g,h,i)perylene	530	J	400

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FORM I SV-2

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-6

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-015

Sample wt/vol: 30.9 (g/ml) G Lab File ID: E72160.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 18.9 decanted: (Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.72

CONCENTRATION UNITS:

Number TICs found: 13 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.44	47000	JN
2. 000108-38-3	Benzene, 1,3-dimethyl-	5.62	1200	JN
3.	methyl Naphthalene isomer	11.98	1100	J
4.	dimethyl Naphthalene isomer	13.06	330	J
5.	dimethyl Naphthalene isomer	13.22	330	J
6.	dimethyl Naphthalene isomer	13.27	350	J
7.	dimethyl Naphthalene isomer	13.44	710	J
8.	Unknown	13.58	190	J
9. 000000-00-0	Decahydro-4,4,8,9,10-pentameth	13.68	480	JN
10.	Unknown	14.70	570	J
11.	Unknown C _n H _{2n} +2	14.90	670	J
12.	Unknown C _n H _{2n} +2	15.36	560	J
13.	C ₂₂ H ₄₂ O ₄ isomer	21.36	800	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-6DL

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-015DL
 Sample wt/vol: 30.9 (g/ml) G Lab File ID: E72196.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 18.9 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 2.0
 GPC Cleanup: (Y/N) N pH: 7.72 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

111-44-4	bis(2-Chloroethyl)ether		U	800
108-95-2	Phenol	1400	D	800
95-57-8	2-Chlorophenol		U	800
541-73-1	1,3-Dichlorobenzene		U	800
106-46-7	1,4-Dichlorobenzene		U	800
95-50-1	1,2-Dichlorobenzene		U	800
100-51-6	Benzyl alcohol		U	800
108-60-1	2,2'-oxybis(1-Chloropropane)		U	800
95-48-7	2-Methylphenol	930	D	800
67-72-1	Hexachloroethane		U	800
621-64-7	N-Nitroso-di-n-propylamine		U	800
106-44-5	4-Methylphenol	1000	D	800
98-95-3	Nitrobenzene		U	800
78-59-1	Isophorone	430	JD	800
88-75-5	2-Nitrophenol		U	800
105-67-9	2,4-Dimethylphenol	860	D	800
111-91-1	bis(2-Chloroethoxy)methane		U	800
120-83-2	2,4-Dichlorophenol		U	800
120-82-1	1,2,4-Trichlorobenzene		U	800
91-20-3	Naphthalene	1400	D	800
106-47-8	4-Chloroaniline		U	800
87-68-3	Hexachlorobutadiene		U	800
59-50-7	4-Chloro-3-methylphenol		U	800
91-57-6	2-Methylnaphthalene	1500	D	800
77-47-4	Hexachlorocyclopentadiene		U R	800
88-06-2	2,4,6-Trichlorophenol		U	800
95-95-4	2,4,5-Trichlorophenol	120	JD	2000
91-58-7	2-Chloronaphthalene		U	800
88-74-4	2-Nitroaniline		U	2000
208-96-8	Acenaphthylene		U	800
131-11-3	Dimethylphthalate		U	800
606-20-2	2,6-Dinitrotoluene		U	800
83-32-9	Acenaphthene	400	JD	800
99-09-2	3-Nitroaniline		U	2000
51-28-5	2,4-Dinitrophenol		U	2000
132-64-9	Dibenzofuran	520	JD	800
121-14-2	2,4-Dinitrotoluene		U	800

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CTDOHS PH-0554

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-6DL

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-015DL
 Sample wt/vol: 30.9 (g/ml) G Lab File ID: E72196.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 18.9 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 2.0
 GPC Cleanup: (Y/N) N pH: 7.72 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	2000
86-73-7	Fluorene	650	JD	800
7005-72-3	4-Chlorophenyl-phenylether		U	800
84-66-2	Diethylphthalate		U	800
100-01-6	4-Nitroaniline		U	2000
534-52-1	4,6-Dinitro-2-methylphenol		U	2000
86-30-6	n-Nitrosodiphenylamine (1)		U	800
101-55-3	4-Bromophenyl-phenylether		U	800
118-74-1	Hexachlorobenzene		U	800
87-86-5	Pentachlorophenol		U	2000
85-01-8	Phenanthrene	2200	D	800
120-12-7	Anthracene	650	JD	800
84-74-2	Di-n-butylphthalate		U	800
206-44-0	Fluoranthene	1800	D	800
129-00-0	Pyrene	2800	D J	800
85-68-7	Butylbenzylphthalate		U J	800
91-94-1	3,3'-Dichlorobenzidine		U J	800
56-55-3	Benzo(a)anthracene	1100	D J	800
218-01-9	Chrysene	1100	D J	800
117-81-7	bis(2-Ethylhexyl)phthalate	1300	D J	800
117-84-0	Di-n-octylphthalate		U J	800
205-99-2	Benzo(b)fluoranthene	1500	D J	800
207-08-9	Benzo(k)fluoranthene	610	JD J	800
50-32-8	Benzo(a)pyrene	1000	D J	800
193-39-5	Indeno(1,2,3-cd)pyrene	460	JD J	800
62-75-9	n-Nitrosodimethylamine		U J	800
53-70-3	Dibenz(a,h)anthracene	150	JD J	800
191-24-2	Benzo(g,h,i)perylene	510	JD J	800

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FORM 1 SV-2

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-9

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-016
 Sample wt/vol: 30.62 (g/ml) G Lab File ID: E72155.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 18.1 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.81 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	400
108-95-2	Phenol	4100	E J	400
95-57-8	2-Chlorophenol		U	400
541-73-1	1,3-Dichlorobenzene		U	400
106-46-7	1,4-Dichlorobenzene		U	400
95-50-1	1,2-Dichlorobenzene		U	400
100-51-6	Benzyl alcohol		U	400
108-60-1	2,2'-oxybis(1-Chloropropane)		U	400
95-48-7	2-Methylphenol	170	J	400
67-72-1	Hexachloroethane		U	400
621-64-7	N-Nitroso-di-n-propylamine		U	400
106-44-5	4-Methylphenol	210	J	400
98-95-3	Nitrobenzene		U	400
78-59-1	Isophorone		U	400
88-75-5	2-Nitrophenol		U	400
105-67-9	2,4-Dimethylphenol	180	J	400
111-91-1	bis(2-Chloroethoxy)methane		U	400
120-83-2	2,4-Dichlorophenol		U	400
120-82-1	1,2,4-Trichlorobenzene		U	400
91-20-3	Naphthalene	1100		400
106-47-8	4-Chloroaniline		U	400
87-68-3	Hexachlorobutadiene		U	400
59-50-7	4-Chloro-3-methylphenol		U	400
91-57-6	2-Methylnaphthalene	620		400
77-47-4	Hexachlorocyclopentadiene		U	400
88-06-2	2,4,6-Trichlorophenol		U	400
95-95-4	2,4,5-Trichlorophenol		U	1000
91-58-7	2-Chloronaphthalene		U	400
88-74-4	2-Nitroaniline		U	1000
208-96-8	Acenaphthylene		U	400
131-11-3	Dimethylphthalate		U	400
606-20-2	2,6-Dinitrotoluene		U	400
83-32-9	Acenaphthene	530		400
99-09-2	3-Nitroaniline		U	1000
51-28-5	2,4-Dinitrophenol		U	1000
132-64-9	Dibenzofuran	510		400
121-14-2	2,4-Dinitrotoluene		U	400

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-9

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-016
 Sample wt/vol: 30.62 (g/ml) G Lab File ID: E72155.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 18.1 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.81 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1000
86-73-7	Fluorene	660		400
7005-72-3	4-Chlorophenyl-phenylether		U	400
84-66-2	Diethylphthalate		U	400
100-01-6	4-Nitroaniline		U	1000
534-52-1	4,6-Dinitro-2-methylphenol		U	1000
86-30-6	n-Nitrosodiphenylamine (1)		U	400
101-55-3	4-Bromophenyl-phenylether		U	400
118-74-1	Hexachlorobenzene		U	400
87-86-5	Pentachlorophenol		U	1000
85-01-8	Phenanthrene	1900		400
120-12-7	Anthracene	330	J	400
84-74-2	Di-n-butylphthalate	91	J	400
206-44-0	Fluoranthene	800		400
129-00-0	Pyrene	750		400
85-68-7	Butylbenzylphthalate		U	400
91-94-1	3,3'-Dichlorobenzidine		U	400
56-55-3	Benzo(a)anthracene	150	J	400
218-01-9	Chrysene	160	J	400
117-81-7	bis(2-Ethylhexyl)phthalate	510		400
117-84-0	Di-n-octylphthalate		U J	400
205-99-2	Benzo(b)fluoranthene	140	J J	400
207-08-9	Benzo(k)fluoranthene		U J	400
50-32-8	Benzo(a)pyrene	88	J J	400
193-39-5	Indeno(1,2,3-cd)pyrene		U J	400
62-75-9	n-Nitrosodimethylamine		U J	400
53-70-3	Dibenz(a,h)anthracene		U J	400
191-24-2	Benzo(g,h,i)perylene		U J	400

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FORM 1 SV-2

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NJDEP 73015

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-9

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-016

Sample wt/vol: 30.62 (g/ml) G Lab File ID: E72155.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 18.1 decanted: (Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.81

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.37	24000	JN
2. 000526-73-8	Benzene, 1,2,3-trimethyl-	7.22	340	JN
3. 000611-14-3	Benzene, 1-ethyl-2-methyl-	8.02	340	JN
4. 001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	8.92	580	JN
5.	Benzene isomer	9.38	450	J
6. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	9.43	680	JN
7.	Benzene isomer	9.72	380	J
8. 055000-48-1	Benzoic acid, 2,5-dimethyl-, (2,4-	9.94	380	JN
9.	Benzene isomer	10.04	450	J
10.	Benzene isomer	10.14	300	J
11. 004218-48-8	Benzene, 1-ethyl-4-(1-methylethyl	10.57	300	JN
12. 000627-93-0	Hexanedioic acid, dimethyl ester	10.92	340	JN
13.	methyl Naphthalene isomer	11.97	390	J
14. 000544-76-3	Hexadecane	14.87	370	JN
15.	Unknown C _n H _{2n} +2	15.32	340	J
16. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	15.88	2000	JN
17.	Unknown C _n H _{2n} +2	16.84	800	J
18.	C ₁₆ H ₂₂ O ₄ isomer	17.38	2400	J
19. 86-74-8	Carbazole	17.45	200	JN
20. 86-74-8	Carbazole	17.45	200	JN

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-9DL

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-016DL

Sample wt/vol: 30.62 (g/ml) G Lab File ID: E72174.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 18.1 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 7.81 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	800
108-95-2	Phenol	3900		800
95-57-8	2-Chlorophenol		U	800
541-73-1	1,3-Dichlorobenzene		U	800
106-46-7	1,4-Dichlorobenzene		U	800
95-50-1	1,2-Dichlorobenzene		U	800
100-51-6	Benzyl alcohol		U	800
108-60-1	2,2'-oxybis(1-Chloropropane)		U	800
95-48-7	2-Methylphenol	180	J	800
67-72-1	Hexachloroethane		U	800
621-64-7	N-Nitroso-di-n-propylamine		U	800
106-44-5	4-Methylphenol	220	J	800
98-95-3	Nitrobenzene		U	800
78-59-1	Isophorone		U	800
88-75-5	2-Nitrophenol		U	800
105-67-9	2,4-Dimethylphenol	210	J	800
111-91-1	bis(2-Chloroethoxy)methane		U	800
120-83-2	2,4-Dichlorophenol		U	800
120-82-1	1,2,4-Trichlorobenzene		U	800
91-20-3	Naphthalene	1100		800
106-47-8	4-Chloroaniline		U	800
87-68-3	Hexachlorobutadiene		U	800
59-50-7	4-Chloro-3-methylphenol		U	800
91-57-6	2-Methylnaphthalene	610	J	800
77-47-4	Hexachlorocyclopentadiene		U R	800
88-06-2	2,4,6-Trichlorophenol		U	800
95-95-4	2,4,5-Trichlorophenol		U	2000
91-58-7	2-Chloronaphthalene		U	800
88-74-4	2-Nitroaniline		U	2000
208-96-8	Acenaphthylene		U	800
131-11-3	Dimethylphthalate		U	800
606-20-2	2,6-Dinitrotoluene		U	800
83-32-9	Acenaphthene	530	J	800
99-09-2	3-Nitroaniline		U	2000
51-28-5	2,4-Dinitrophenol		U	2000
132-64-9	Dibenzofuran	500	J	800
121-14-2	2,4-Dinitrotoluene		U	800

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-9DL

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-016DL

Sample wt/vol: 30.62 (g/ml) G Lab File ID: E72174.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 18.1 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 7.81 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	2000
86-73-7	Fluorene	650	J	800
7005-72-3	4-Chlorophenyl-phenylether		U	800
84-66-2	Diethylphthalate		U	800
100-01-6	4-Nitroaniline		U	2000
534-52-1	4,6-Dinitro-2-methylphenol		U	2000
86-30-6	n-Nitrosodiphenylamine (1)		U	800
101-55-3	4-Bromophenyl-phenylether		U	800
118-74-1	Hexachlorobenzene		U	800
87-86-5	Pentachlorophenol		U	2000
85-01-8	Phenanthrene	2000		800
120-12-7	Anthracene	310	J	800
84-74-2	Di-n-butylphthalate	100	J	800
206-44-0	Fluoranthene	940		800
129-00-0	Pyrene	730	J	800
85-68-7	Butylbenzylphthalate		U	800
91-94-1	3,3'-Dichlorobenzidine	6	J	800
56-55-3	Benzo(a)anthracene	150	J	800
218-01-9	Chrysene	170	J	800
117-81-7	bis(2-Ethylhexyl)phthalate	600	J	800
117-84-0	Di-n-octylphthalate		U	800
205-99-2	Benzo(b)fluoranthene	130	J	800
207-08-9	Benzo(k)fluoranthene		U	800
50-32-8	Benzo(a)pyrene	89	J	800
193-39-5	Indeno(1,2,3-cd)pyrene		U	800
62-75-9	n-Nitrosodimethylamine		U	800
53-70-3	Dibenz(a,h)anthracene		U	800
191-24-2	Benzo(g,h,i)perylene		U	800

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NYSDOH 10142

NJDEP 73015

FORM I SV 2

CTDOHS PH-0554

EPA NY049

PA 66-378

M-NY049

3/90

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-11

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-017
 Sample wt/vol: 30.96 (g/ml) G Lab File ID: E72158.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 22.4 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.96 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

111-44-4	bis(2-Chloroethyl)ether		U	420
108-95-2	Phenol	2000		420
95-57-8	2-Chlorophenol		U	420
541-73-1	1,3-Dichlorobenzene		U	420
106-46-7	1,4-Dichlorobenzene		U	420
95-50-1	1,2-Dichlorobenzene		U	420
100-51-6	Benzyl alcohol		U	420
108-60-1	2,2'-oxybis(1-Chloropropane)		U	420
95-48-7	2-Methylphenol	690		420
67-72-1	Hexachloroethane		U	420
621-64-7	N-Nitroso-di-n-propylamine		U	420
106-44-5	4-Methylphenol	820		420
98-95-3	Nitrobenzene		U	420
78-59-1	Isophorone		U	420
88-75-5	2-Nitrophenol		U	420
105-67-9	2,4-Dimethylphenol	600		420
111-91-1	bis(2-Chloroethoxy)methane		U	420
120-83-2	2,4-Dichlorophenol		U	420
120-82-1	1,2,4-Trichlorobenzene		U	420
91-20-3	Naphthalene	1500		420
106-47-8	4-Chloroaniline		U	420
87-68-3	Hexachlorobutadiene		U	420
59-50-7	4-Chloro-3-methylphenol		U	420
91-57-6	2-Methylnaphthalene	1300		420
77-47-4	Hexachlorocyclopentadiene		U	420
88-06-2	2,4,6-Trichlorophenol		U	420
95-95-4	2,4,5-Trichlorophenol		U	1000
91-58-7	2-Chloronaphthalene		U	420
88-74-4	2-Nitroaniline		U	1000
208-96-8	Acenaphthylene		U	420
131-11-3	Dimethylphthalate		U	420
606-20-2	2,6-Dinitrotoluene		U	420
83-32-9	Acenaphthene	620		420
99-09-2	3-Nitroaniline		U	1000
51-28-5	2,4-Dinitrophenol		U	1000
132-64-9	Dibenzofuran	790		420
121-14-2	2,4-Dinitrotoluene		U	420

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP-11

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-017

Sample wt/vol: 30.96 (g/ml) G Lab File ID: E72158.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 22.4 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.96 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1000
86-73-7	Fluorene	1100		420
7005-72-3	4-Chlorophenyl-phenylether		U	420
84-66-2	Diethylphthalate		U	420
100-01-6	4-Nitroaniline		U	1000
534-52-1	4,6-Dinitro-2-methylphenol		U	1000
86-30-6	n-Nitrosodiphenylamine (1)		U	420
101-55-3	4-Bromophenyl-phenylether		U	420
118-74-1	Hexachlorobenzene		U	420
87-86-5	Pentachlorophenol		U	1000
85-01-8	Phenanthrene	6500	E J	420
120-12-7	Anthracene	1400		420
84-74-2	Di-n-butylphthalate		U	420
206-44-0	Fluoranthene	4500	E J	420
129-00-0	Pyrene	6900	E J	420
85-68-7	Butylbenzylphthalate		U J	420
91-94-1	3,3'-Dichlorobenzidine		U J	420
56-55-3	Benzo(a)anthracene	2600	J	420
218-01-9	Chrysene	2700	J	420
117-81-7	bis(2-Ethylhexyl)phthalate	3000	J	420
117-84-0	Di-n-octylphthalate		U J	420
205-99-2	Benzo(b)fluoranthene	3400	E J	420
207-08-9	Benzo(k)fluoranthene	1200	J	420
50-32-8	Benzo(a)pyrene	2300	J	420
193-39-5	Indeno(1,2,3-cd)pyrene	1300	J	420
62-75-9	n-Nitrosodimethylamine		U J	420
53-70-3	Dibenz(a,h)anthracene	410	J J	420
191-24-2	Benzo(g,h,i)perylene	1200	J	420

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-11

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-017
 Sample wt/vol: 30.96 (g/ml) G Lab File ID: E72158.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 22.4 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.96

CONCENTRATION UNITS:

Number TICs found: 19 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.37	26000	JN
2.	C8H8 isomer	5.98	390	J
3. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	8.92	380	JN
4. 001120-21-4	Undecane	9.07	510	JN
5.	Phenol isomer	9.29	280	J
6.	Benzene isomer	9.43	290	J
7.	C11H22 isomer	9.62	320	J
8.	Unknown	9.93	300	J
9.	Unknown	10.02	280	J
10. 000618-45-1	Phenol, 3-(1-methylethyl)-	10.45	550	JN
11.	methyl Naphthalene isomer	11.98	840	J
12.	dimethyl Naphthalene isomer	13.07	290	J
13.	dimethyl Naphthalene isomer	13.21	290	J
14.	Unknown	13.28	680	J
15.	Unknown CnH2n+2	13.46	780	J
16.	Unknown	13.59	350	J
17.	C15H28 isomer	13.69	860	J
18. 86-74-8	Carbazole	17.51	720	JN
19. 86-74-8	Carbazole	17.51	720	JN

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NYSDOH 10142

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FORM 1 SV TIC
CTDOHS PH-0554

EPA NY049

PA 68-378

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-11DL

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-017DL
 Sample wt/vol: 30.96 (g/ml) G Lab File ID: E72163.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 22.4 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 5.0
 GPC Cleanup: (Y/N) N pH: 7.96 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

111-44-4	bis(2-Chloroethyl)ether		U	2100
108-95-2	Phenol	1900	JD	2100
95-57-8	2-Chlorophenol		U	2100
541-73-1	1,3-Dichlorobenzene		U	2100
106-46-7	1,4-Dichlorobenzene		U	2100
95-50-1	1,2-Dichlorobenzene		U	2100
100-51-6	Benzyl alcohol		U	2100
108-60-1	2,2'-oxybis(1-Chloropropane)		U	2100
95-48-7	2-Methylphenol	690	JD	2100
67-72-1	Hexachloroethane		U	2100
621-64-7	N-Nitroso-di-n-propylamine		U	2100
106-44-5	4-Methylphenol	880	JD	2100
98-95-3	Nitrobenzene		U	2100
78-59-1	Isophorone		U	2100
88-75-5	2-Nitrophenol		U	2100
105-67-9	2,4-Dimethylphenol	660	JD	2100
111-91-1	bis(2-Chloroethoxy)methane		U	2100
120-83-2	2,4-Dichlorophenol		U	2100
120-82-1	1,2,4-Trichlorobenzene		U	2100
91-20-3	Naphthalene	1700	JD	2100
106-47-8	4-Chloroaniline		U	2100
87-68-3	Hexachlorobutadiene		U	2100
59-50-7	4-Chloro-3-methylphenol		U	2100
91-57-6	2-Methylnaphthalene	1300	JD	2100
77-47-4	Hexachlorocyclopentadiene		U R	2100
88-06-2	2,4,6-Trichlorophenol		U	2100
95-95-4	2,4,5-Trichlorophenol		U	5200
91-58-7	2-Chloronaphthalene		U	2100
88-74-4	2-Nitroaniline		U	5200
208-96-8	Acenaphthylene		U	2100
131-11-3	Dimethylphthalate		U	2100
606-20-2	2,6-Dinitrotoluene		U	2100
83-32-9	Acenaphthene	750	JD	2100
99-09-2	3-Nitroaniline		U	5200
51-28-5	2,4-Dinitrophenol		U	5200
132-64-9	Dibenzofuran	790	JD	2100
121-14-2	2,4-Dinitrotoluene		U	2100

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CTDOHS PH-0554

EPA NY049

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FORM I SV-1

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-11DL

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-017DL
 Sample wt/vol: 30.96 (g/ml) G Lab File ID: E72163.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 22.4 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 5.0
 GPC Cleanup: (Y/N) N pH: 7.96 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

100-02-7	4-Nitrophenol		U	5200
86-73-7	Fluorene	1200	JD	2100
7005-72-3	4-Chlorophenyl-phenylether		U	2100
84-66-2	Diethylphthalate		U	2100
100-01-6	4-Nitroaniline		U	5200
534-52-1	4,6-Dinitro-2-methylphenol		U	5200
86-30-6	n-Nitrosodiphenylamine (1)		U	2100
101-55-3	4-Bromophenyl-phenylether		U	2100
118-74-1	Hexachlorobenzene		U	2100
87-86-5	Pentachlorophenol		U	5200
85-01-8	Phenanthrene	7200	D	2100
120-12-7	Anthracene	1700	JD	2100
84-74-2	Di-n-butylphthalate		U	2100
206-44-0	Fluoranthene	7500	D	2100
129-00-0	Pyrene	5800	D	2100
85-68-7	Butylbenzylphthalate		U	2100
91-94-1	3,3'-Dichlorobenzidine		U	2100
56-55-3	Benzo(a)anthracene	3000	D	2100
218-01-9	Chrysene	3100	D	2100
117-81-7	bis(2-Ethylhexyl)phthalate	3200	D	2100
117-84-0	Di-n-octylphthalate		U	2100
205-99-2	Benzo(b)fluoranthene	4000	D	2100
207-08-9	Benzo(k)fluoranthene	1300	JD	2100
50-32-8	Benzo(a)pyrene	2700	D	2100
193-39-5	Indeno(1,2,3-cd)pyrene	1200	JD	2100
62-75-9	n-Nitrosodimethylamine		U	2100
53-70-3	Dibenz(a,h)anthracene	390	JD	2100
191-24-2	Benzo(g,h,i)perylene	1100	JD	2100

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FORM 1 SV-2

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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SAMPLE DATA SUMMARY PACKAGE

InteGreyted International, LLC

Syracuse, NY

Project: Cooper 0310025P

STL Lab. #: 237118

Matrix: Soil

2 of 2

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-10

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-018
 Sample wt/vol: 30.14 (g/ml) G Lab File ID: E72148.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 22.4 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.96 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

111-44-4	bis(2-Chloroethyl)ether		U R	430
108-95-2	Phenol	500	J	430
95-57-8	2-Chlorophenol		U R	430
541-73-1	1,3-Dichlorobenzene		U R	430
106-46-7	1,4-Dichlorobenzene		U R	430
95-50-1	1,2-Dichlorobenzene		U R	430
100-51-6	Benzyl alcohol		U R	430
108-60-1	2,2'-oxybis(1-Chloropropane)		U R	430
95-48-7	2-Methylphenol	340	J J	430
67-72-1	Hexachloroethane		U R	430
621-64-7	N-Nitroso-di-n-propylamine		U R	430
106-44-5	4-Methylphenol	410	J J	430
98-95-3	Nitrobenzene		U R	430
78-59-1	Isophorone		U R	430
88-75-5	2-Nitrophenol		U R	430
105-67-9	2,4-Dimethylphenol	280	J J	430
111-91-1	bis(2-Chloroethoxy)methane		U R	430
120-83-2	2,4-Dichlorophenol		U R	430
120-82-1	1,2,4-Trichlorobenzene		U R	430
91-20-3	Naphthalene	340	J J	430
106-47-8	4-Chloroaniline		U R	430
87-68-3	Hexachlorobutadiene		U R	430
59-50-7	4-Chloro-3-methylphenol		U R	430
91-57-6	2-Methylnaphthalene	230	J J	430
77-47-4	Hexachlorocyclopentadiene		U R	430
88-06-2	2,4,6-Trichlorophenol		U R	430
95-95-4	2,4,5-Trichlorophenol		U R	1100
91-58-7	2-Chloronaphthalene		U R	430
88-74-4	2-Nitroaniline		U R	1100
208-96-8	Acenaphthylene		U R	430
131-11-3	Dimethylphthalate		U R	430
606-20-2	2,6-Dinitrotoluene		U R	430
83-32-9	Acenaphthene		U R	430
99-09-2	3-Nitroaniline		U R	1100
51-28-5	2,4-Dinitrophenol		U R	1100
132-64-9	Dibenzofuran	68	J J	430
121-14-2	2,4-Dinitrotoluene		U R	430

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FORM I SV 1

CTDOHS PH-0554

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-10

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-018

Sample wt/vol: 30.14 (g/ml) G Lab File ID: E72148.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 22.4 decanted: (Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.96 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U R	1100
86-73-7	Fluorene	71	J J	430
7005-72-3	4-Chlorophenyl-phenylether		U R	430
84-66-2	Diethylphthalate		U R	430
100-01-6	4-Nitroaniline		U R	1100
534-52-1	4,6-Dinitro-2-methylphenol		U R	1100
86-30-6	n-Nitrosodiphenylamine (1)		U R	430
101-55-3	4-Bromophenyl-phenylether		U R	430
118-74-1	Hexachlorobenzene		U R	430
87-86-5	Pentachlorophenol		U R	1100
85-01-8	Phenanthrene	200	J J	430
120-12-7	Anthracene	49	J J	430
84-74-2	Di-n-butylphthalate		U R	430
206-44-0	Fluoranthene	62	J J	430
129-00-0	Pyrene	47	J J	430
85-68-7	Butylbenzylphthalate		U R	430
91-94-1	3,3'-Dichlorobenzidine		U R	430
56-55-3	Benzo(a)anthracene		U R	430
218-01-9	Chrysene		U R	430
117-81-7	bis(2-Ethylhexyl)phthalate		U R	430
117-84-0	Di-n-octylphthalate		U R	430
205-99-2	Benzo(b)fluoranthene		U R	430
207-08-9	Benzo(k)fluoranthene		U R	430
50-32-8	Benzo(a)pyrene		U R	430
193-39-5	Indeno(1,2,3-cd)pyrene		U R	430
62-75-9	n-Nitrosodimethylamine		U R	430
53-70-3	Dibenz(a,h)anthracene		U R	430
191-24-2	Benzo(g,h,i)perylene		U R	430

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FORM 1 SV 2

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-10

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-018

Sample wt/vol: 30.14 (g/ml) G Lab File ID: E72148.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 22.4 decanted: (Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.96

CONCENTRATION UNITS:

Number TICs found: 10 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.25	9900	JN
2.	C6H6 isomer	9.88	110	J
3. 000088-69-7	Phenol, 2-(1-methylethyl)-	10.44	690	JN
4. 000090-12-0	Naphthalene, 1-methyl-	11.96	120	JN
5.	dimethyl Naphthalene isomer	13.04	100	J
6.	dimethyl Naphthalene isomer	13.19	100	J
7.	dimethyl Naphthalene isomer	13.24	98	J
8.	Unknown	16.35	110	J
9.	C13H12O2 isomer	18.62	250	J
10.	C13H12O2 isomer	19.15	190	J

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-10RR

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-018RR

Sample wt/vol: 30.17 (g/ml) G Lab File ID: E72214.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 18.4 decanted:(Y/N) N Date Extracted: 6/24/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8.18 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	410
108-95-2	Phenol	930	U	410
95-57-8	2-Chlorophenol		U	410
541-73-1	1,3-Dichlorobenzene		U	410
106-46-7	1,4-Dichlorobenzene		U	410
95-50-1	1,2-Dichlorobenzene		U	410
100-51-6	Benzyl alcohol		U	410
108-60-1	2,2'-oxybis(1-Chloropropane)		U	410
95-48-7	2-Methylphenol	800	U	410
67-72-1	Hexachloroethane		U	410
621-64-7	N-Nitroso-di-n-propylamine		U	410
106-44-5	4-Methylphenol	990	U	410
98-95-3	Nitrobenzene		U	410
78-59-1	Isophorone		U	410
88-75-5	2-Nitrophenol		U	410
105-67-9	2,4-Dimethylphenol	980	U	410
111-91-1	bis(2-Chloroethoxy)methane		U	410
120-83-2	2,4-Dichlorophenol		U	410
120-82-1	1,2,4-Trichlorobenzene	220	U	410
91-20-3	Naphthalene	1800	U	410
106-47-8	4-Chloroaniline		U	410
87-68-3	Hexachlorobutadiene		U	410
59-50-7	4-Chloro-3-methylphenol		U	410
91-57-6	2-Methylnaphthalene	1400	U	410
77-47-4	Hexachlorocyclopentadiene		U	410
88-06-2	2,4,6-Trichlorophenol		U	410
95-95-4	2,4,5-Trichlorophenol		U	1000
91-58-7	2-Chloronaphthalene		U	410
88-74-4	2-Nitroaniline		U	1000
208-96-8	Acenaphthylene		U	410
131-11-3	Dimethylphthalate		U	410
606-20-2	2,6-Dinitrotoluene		U	410
83-32-9	Acenaphthene		U	410
99-09-2	3-Nitroaniline		U	1000
51-28-5	2,4-Dinitrophenol		U	1000
132-64-9	Dibenzofuran		U	410
121-14-2	2,4-Dinitrotoluene		U	410

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

CTDOHS PH-0554

EPA NY049

PA 68-378

3/90

M-NY049

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Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-10RR

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-018RR

Sample wt/vol: 30.17 (g/ml) G Lab File ID: E72214.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 18.4 decanted:(Y/N) N Date Extracted: 6/24/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8.18 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1000
86-73-7	Fluorene	580	J	410
7005-72-3	4-Chlorophenyl-phenylether		U	410
84-66-2	Diethylphthalate		U	410
100-01-6	4-Nitroaniline		U	1000
534-52-1	4,6-Dinitro-2-methylphenol		U	1000
86-30-6	n-Nitrosodiphenylamine (1)		U	410
101-55-3	4-Bromophenyl-phenylether		U	410
118-74-1	Hexachlorobenzene		U	410
87-86-5	Pentachlorophenol		U	1000
85-01-8	Phenanthrene	1900	J	410
120-12-7	Anthracene	130	J	410
84-74-2	Di-n-butylphthalate		U	410
206-44-0	Fluoranthene	380	J	410
129-00-0	Pyrene	740	J	410
85-68-7	Butylbenzylphthalate		U	410
91-94-1	3,3'-Dichlorobenzidine		U	410
56-55-3	Benzo(a)anthracene	230	J	410
218-01-9	Chrysene	150	J	410
117-81-7	bis(2-Ethylhexyl)phthalate	630	J	410
117-84-0	Di-n-octylphthalate		U	410
205-99-2	Benzo(b)fluoranthene	140	J	410
207-08-9	Benzo(k)fluoranthene		U	410
50-32-8	Benzo(a)pyrene	43	J	410
193-39-5	Indeno(1,2,3-cd)pyrene		U	410
62-75-9	n-Nitrosodimethylamine		U	410
53-70-3	Dibenz(a,h)anthracene		U	410
191-24-2	Benzo(g,h,i)perylene		U	410

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FORM 1 SV-2

NYSDOH 10142

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-10RR

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Matrix: (soil/water) SOIL Lab Sample ID: 237118-018RR
Sample wt/vol: 30.17 (g/ml) G Lab File ID: E72214.D
Level: (low/med) LOW Date Received: 6/9/2004
% Moisture: 18.4 decanted: (Y/N) N Date Extracted: 6/24/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.18

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000141-79-7	3-Penten-2-one, 4-methyl-	4.29	600	JN
2. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.24	34000	JN
3. 000088-69-7	Phenol, 2-(1-methylethyl)-	10.39	1300	JN

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FORM 1 SV TIC
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-10A

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-019
 Sample wt/vol: 30.18 (g/ml) G Lab File ID: E72154.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 19 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.85 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	410
108-95-2	Phenol	1400		410
95-57-8	2-Chlorophenol		U	410
541-73-1	1,3-Dichlorobenzene		U	410
106-46-7	1,4-Dichlorobenzene		U	410
95-50-1	1,2-Dichlorobenzene		U	410
100-51-6	Benzyl alcohol		U	410
108-60-1	2,2'-oxybis(1-Chloropropane)		U	410
95-48-7	2-Methylphenol	860		410
67-72-1	Hexachloroethane		U	410
621-64-7	N-Nitroso-di-n-propylamine		U	410
106-44-5	4-Methylphenol	1200		410
98-95-3	Nitrobenzene		U	410
78-59-1	Isophorone		U	410
88-75-5	2-Nitrophenol		U	410
105-67-9	2,4-Dimethylphenol	750		410
111-91-1	bis(2-Chloroethoxy)methane		U	410
120-83-2	2,4-Dichlorophenol		U	410
120-82-1	1,2,4-Trichlorobenzene		U	410
91-20-3	Naphthalene	930		410
106-47-8	4-Chloroaniline		U	410
87-68-3	Hexachlorobutadiene		U	410
59-50-7	4-Chloro-3-methylphenol		U	410
91-57-6	2-Methylnaphthalene	850		410
77-47-4	Hexachlorocyclopentadiene		U	410
88-06-2	2,4,6-Trichlorophenol		U	410
95-95-4	2,4,5-Trichlorophenol		U	1000
91-58-7	2-Chloronaphthalene		U	410
88-74-4	2-Nitroaniline		U	1000
208-96-8	Acenaphthylene		U	410
131-11-3	Dimethylphthalate		U	410
606-20-2	2,6-Dinitrotoluene		U	410
83-32-9	Acenaphthene	69	J	410
99-09-2	3-Nitroaniline		U	1000
51-28-5	2,4-Dinitrophenol		U	1000
132-64-9	Dibenzofuran	260	J	410
121-14-2	2,4-Dinitrotoluene		U	410

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-10A

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-019

Sample wt/vol: 30.18 (g/ml) G Lab File ID: E72154.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 19 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.85 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1000
86-73-7	Fluorene	350	J	410
7005-72-3	4-Chlorophenyl-phenylether		U	410
84-66-2	Diethylphthalate		U	410
100-01-6	4-Nitroaniline		U	1000
534-52-1	4,6-Dinitro-2-methylphenol		U	1000
86-30-6	n-Nitrosodiphenylamine (1)		U	410
101-55-3	4-Bromophenyl-phenylether		U	410
118-74-1	Hexachlorobenzene		U	410
87-86-5	Pentachlorophenol		U	1000
85-01-8	Phenanthrene	950		410
120-12-7	Anthracene	240	J	410
84-74-2	Di-n-butylphthalate		U	410
206-44-0	Fluoranthene	280	J	410
129-00-0	Pyrene	320	J	410
85-68-7	Butylbenzylphthalate		U	410
91-94-1	3,3'-Dichlorobenzidine		U	410
56-55-3	Benzo(a)anthracene	97	J	410
218-01-9	Chrysene	150	J	410
117-81-7	bis(2-Ethylhexyl)phthalate	480		410
117-84-0	Di-n-octylphthalate	53	J	410
205-99-2	Benzo(b)fluoranthene	100	J	410
207-08-9	Benzo(k)fluoranthene		U	410
50-32-8	Benzo(a)pyrene	51	J	410
193-39-5	Indeno(1,2,3-cd)pyrene		U	410
62-75-9	n-Nitrosodimethylamine		U	410
53-70-3	Dibenz(a,h)anthracene		U	410
191-24-2	Benzo(g,h,i)perylene	45	J	410

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FORM 1 SV-2

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-10A

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-019
 Sample wt/vol: 30.18 (g/ml) G Lab File ID: E72154.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 19 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.85

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.31	19000	JN
2. 000100-41-4	Ethylbenzene	5.42	420	JN
3.	Unknown	7.84	240	J
4. 000576-26-1	Phenol, 2,6-dimethyl-	9.28	220	JN
5. 000088-69-7	Phenol, 2-(1-methylethyl)-	10.46	1800	JN
6. 000618-45-1	Phenol, 3-(1-methylethyl)-	10.82	230	JN
7. 000090-12-0	Naphthalene, 1-methyl-	11.97	520	JN
8.	dimethyl Naphthalene isomer	13.06	210	J
9.	dimethyl Naphthalene isomer	13.21	250	J
10.	Unknown	13.27	440	J
11.	dimethyl Naphthalene isomer	13.43	230	J
12. 000000-00-0	Decahydro-4,4,8,9,10-pentameth	13.68	430	JN
13. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	14.40	220	JN
14.	Unknown	14.69	220	J
15. 000544-76-3	Hexadecane	14.89	510	JN
16.	Unknown C _n H _{2n+2}	15.34	490	J
17.	C ₁₅ H ₁₈ isomer	15.79	760	J
18. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	15.89	2700	JN
19. 000629-59-4	Tetradecane	16.85	820	JN
20.	Unknown	23.73	1300	J

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-10ARE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-019RE

Sample wt/vol: 30.18 (g/ml) G Lab File ID: E72173.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 19 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.85 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	410
108-95-2	Phenol	1300		410
95-57-8	2-Chlorophenol		U	410
541-73-1	1,3-Dichlorobenzene		U	410
106-46-7	1,4-Dichlorobenzene		U	410
95-50-1	1,2-Dichlorobenzene		U	410
100-51-6	Benzyl alcohol		U	410
108-60-1	2,2'-oxybis(1-Chloropropane)		U	410
95-48-7	2-Methylphenol	830		410
67-72-1	Hexachloroethane		U	410
621-64-7	N-Nitroso-di-n-propylamine		U	410
106-44-5	4-Methylphenol	1100		410
98-95-3	Nitrobenzene		U	410
78-59-1	Isophorone		U	410
88-75-5	2-Nitrophenol		U	410
105-67-9	2,4-Dimethylphenol	740		410
111-91-1	bis(2-Chloroethoxy)methane		U	410
120-83-2	2,4-Dichlorophenol		U	410
120-82-1	1,2,4-Trichlorobenzene		U	410
91-20-3	Naphthalene	940		410
106-47-8	4-Chloroaniline		U	410
87-68-3	Hexachlorobutadiene		U	410
59-50-7	4-Chloro-3-methylphenol		U	410
91-57-6	2-Methylnaphthalene	850		410
77-47-4	Hexachlorocyclopentadiene		U R	410
88-06-2	2,4,6-Trichlorophenol		U	410
95-95-4	2,4,5-Trichlorophenol		U	1000
91-58-7	2-Chloronaphthalene		U	410
88-74-4	2-Nitroaniline		U	1000
208-96-8	Acenaphthylene		U	410
131-11-3	Dimethylphthalate		U	410
606-20-2	2,6-Dinitrotoluene		U	410
83-32-9	Acenaphthene	70	J	410
99-09-2	3-Nitroaniline		U	1000
51-28-5	2,4-Dinitrophenol		U	1000
132-64-9	Dibenzofuran	260	J	410
121-14-2	2,4-Dinitrotoluene		U	410

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-10ARE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-019RE
 Sample wt/vol: 30.18 (g/ml) G Lab File ID: E72173.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 19 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.85 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1000
86-73-7	Fluorene	320	J	410
7005-72-3	4-Chlorophenyl-phenylether		U	410
84-66-2	Diethylphthalate		U	410
100-01-6	4-Nitroaniline		U	1000
534-52-1	4,6-Dinitro-2-methylphenol		U	1000
86-30-6	n-Nitrosodiphenylamine (1)		U	410
101-55-3	4-Bromophenyl-phenylether		U	410
118-74-1	Hexachlorobenzene		U	410
87-86-5	Pentachlorophenol		U	1000
85-01-8	Phenanthrene	950		410
120-12-7	Anthracene	210	J	410
84-74-2	Di-n-butylphthalate		U	410
206-44-0	Fluoranthene	280	J	410
129-00-0	Pyrene	400	J	410
85-68-7	Butylbenzylphthalate		U	410
91-94-1	3,3'-Dichlorobenzidine		U	410
56-55-3	Benzo(a)anthracene	110	J	410
218-01-9	Chrysene	130	J	410
117-81-7	bis(2-Ethylhexyl)phthalate	570		410
117-84-0	Di-n-octylphthalate	96	J	410
205-99-2	Benzo(b)fluoranthene	110	J	410
207-08-9	Benzo(k)fluoranthene		U	410
50-32-8	Benzo(a)pyrene	53	J	410
193-39-5	Indeno(1,2,3-cd)pyrene		U	410
62-75-9	n-Nitrosodimethylamine		U	410
53-70-3	Dibenz(a,h)anthracene		U	410
191-24-2	Benzo(g,h,i)perylene		U	410

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FORM I SV-2

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NYSDOH 10142

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-10ARE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-019RE
 Sample wt/vol: 30.18 (g/ml) G Lab File ID: E72173.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 19 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.85

CONCENTRATION UNITS:

Number TICs found: 18 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.28	20000	JN
2.	Unknown	7.82	210	J
3.	dimethylphenol isomer	9.27	230	J
4.	methylethylphenol isomer	10.44	1900	J
5.	C9H12O isomer	10.81	270	J
6.	methylnaphthalene isomer	11.96	530	J
7.	dimethylnaphthalene isomer	13.04	200	J
8.	dimethylnaphthalene isomer	13.18	260	J
9.	dimethylnaphthalene isomer	13.24	410	J
10.	Unknown CnH2n+2	13.41	200	J
11.	Decahydro-4,4,8,9,10-pentameth	13.65	420	JN
12.	trimethylnaphthalene isomer	14.38	210	J
13. 000544-76-3	Hexadecane	14.87	590	JN
14.	Unknown CnH2n+2	15.32	540	J
15.	C15H18 isomer	15.77	740	J
16.	Unknown CnH2n+2	15.87	2200	J
17.	Unknown CnH2n+2	16.82	820	J
18.	Unknown	23.70	820	J

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-3

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-020

Sample wt/vol: 30.34 (g/ml) G Lab File ID: E72167.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 25.4 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.48 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	440
108-95-2	Phenol	89	J	440
95-57-8	2-Chlorophenol		U	440
541-73-1	1,3-Dichlorobenzene		U	440
106-46-7	1,4-Dichlorobenzene		U	440
95-50-1	1,2-Dichlorobenzene		U	440
100-51-6	Benzyl alcohol		U	440
108-60-1	2,2'-oxybis(1-Chloropropane)		U	440
95-48-7	2-Methylphenol	88	J	440
67-72-1	Hexachloroethane		U	440
621-64-7	N-Nitroso-di-n-propylamine		U	440
106-44-5	4-Methylphenol	180	J	440
98-95-3	Nitrobenzene		U	440
78-59-1	Isophorone		U	440
88-75-5	2-Nitrophenol		U	440
105-67-9	2,4-Dimethylphenol	74	J	440
111-91-1	bis(2-Chloroethoxy)methane		U	440
120-83-2	2,4-Dichlorophenol		U	440
120-82-1	1,2,4-Trichlorobenzene		U	440
91-20-3	Naphthalene	250	J	440
106-47-8	4-Chloroaniline		U	440
87-68-3	Hexachlorobutadiene		U	440
59-50-7	4-Chloro-3-methylphenol		U	440
91-57-6	2-Methylnaphthalene	250	J	440
77-47-4	Hexachlorocyclopentadiene		UR	440
88-06-2	2,4,6-Trichlorophenol		U	440
95-95-4	2,4,5-Trichlorophenol		U	1100
91-58-7	2-Chloronaphthalene		U	440
88-74-4	2-Nitroaniline		U	1100
208-96-8	Acenaphthylene	75	J	440
131-11-3	Dimethylphthalate		U	440
606-20-2	2,6-Dinitrotoluene		U	440
83-32-9	Acenaphthene	190	J	440
99-09-2	3-Nitroaniline		U	1100
51-28-5	2,4-Dinitrophenol		U	1100
132-64-9	Dibenzofuran	200	J	440
121-14-2	2,4-Dinitrotoluene		U	440

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**SEVERN
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FORM I SV-1

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-3

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-020
 Sample wt/vol: 30.34 (g/ml) G Lab File ID: E72167.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 25.4 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.48 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1100
86-73-7	Fluorene	330	J	440
7005-72-3	4-Chlorophenyl-phenylether		U	440
84-66-2	Diethylphthalate		U	440
100-01-6	4-Nitroaniline		U	1100
534-52-1	4,6-Dinitro-2-methylphenol		U	1100
86-30-6	n-Nitrosodiphenylamine (1)		U	440
101-55-3	4-Bromophenyl-phenylether		U	440
118-74-1	Hexachlorobenzene		U	440
87-86-5	Pentachlorophenol		U	1100
85-01-8	Phenanthrene	1200		440
120-12-7	Anthracene	260	J	440
84-74-2	Di-n-butylphthalate		U	440
206-44-0	Fluoranthene	1400		440
129-00-0	Pyrene	2700		440
85-68-7	Butylbenzylphthalate		U J J	440
91-94-1	3,3'-Dichlorobenzidine		U J J	440
56-55-3	Benzo(a)anthracene	620	J	440
218-01-9	Chrysene	940	J J	440
117-81-7	bis(2-Ethylhexyl)phthalate	1300	J J	440
117-84-0	Di-n-octylphthalate		U J J	440
205-99-2	Benzo(b)fluoranthene	1200	J J J	440
207-08-9	Benzo(k)fluoranthene	470	J J J	440
50-32-8	Benzo(a)pyrene	770	J J	440
193-39-5	Indeno(1,2,3-cd)pyrene	320	J J J	440
62-75-9	n-Nitrosodimethylamine		U J J	440
53-70-3	Dibenz(a,h)anthracene	120	J J J	440
191-24-2	Benzo(g,h,i)perylene	390	J J J	440

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

3/90

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 Fax (845) 562-0841

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-3

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-020
 Sample wt/vol: 30.34 (g/ml) G Lab File ID: E72167.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 25.4 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.48

CONCENTRATION UNITS:

Number TICs found: 19 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	4.85	270	J
2. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.29	25000	JN
3.	C13H28 isomer	10.53	310	J
4.	C13H26 isomer	10.75	290	J
5.	Unknown CnH2n+2	11.27	270	J
6.	Unknown	12.78	180	J
7.	Unknown	13.24	590	J
8.	Unknown CnH2n+2	13.43	470	J
9.	Unknown	13.65	810	J
10.	Unknown	13.80	210	J
11.	Unknown	14.06	180	J
12.	C13H14 isomer	14.38	180	J
13.	Unknown Hydrocarbon	14.50	570	J
14.	Unknown	14.67	480	J
15.	Unknown Hydrocarbon	14.87	330	J
16.	Unknown CnH2n+2	15.33	690	J
17.	Unknown CnH2n+2	15.89	1300	J
18.	Unknown CnH2n+2	16.84	880	J
19. 86-74-8	Carbazole	17.42	140	JN

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-TIC
CTDOHS PH-0554

EPA NY049

PA 68-378

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M-NY049

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-3RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-020RE
 Sample wt/vol: 30.34 (g/ml) G Lab File ID: E72198.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 25.4 decanted:(Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.48 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	440
108-95-2	Phenol	88	J	440
95-57-8	2-Chlorophenol		U	440
541-73-1	1,3-Dichlorobenzene		U	440
106-46-7	1,4-Dichlorobenzene		U	440
95-50-1	1,2-Dichlorobenzene		U	440
100-51-6	Benzyl alcohol		U	440
108-60-1	2,2'-oxybis(1-Chloropropane)		U	440
95-48-7	2-Methylphenol	91	J	440
67-72-1	Hexachloroethane		U	440
621-64-7	N-Nitroso-di-n-propylamine		U	440
106-44-5	4-Methylphenol	170	J	440
98-95-3	Nitrobenzene		U	440
78-59-1	Isophorone		U	440
88-75-5	2-Nitrophenol		U	440
105-67-9	2,4-Dimethylphenol	94	J	440
111-91-1	bis(2-Chloroethoxy)methane		U	440
120-83-2	2,4-Dichlorophenol		U	440
120-82-1	1,2,4-Trichlorobenzene		U	440
91-20-3	Naphthalene	250	J	440
106-47-8	4-Chloroaniline	4	J	440
87-68-3	Hexachlorobutadiene		U	440
59-50-7	4-Chloro-3-methylphenol	24	J	440
91-57-6	2-Methylnaphthalene	230	J	440
77-47-4	Hexachlorocyclopentadiene		U R	440
88-06-2	2,4,6-Trichlorophenol		U	440
95-95-4	2,4,5-Trichlorophenol		U	1100
91-58-7	2-Chloronaphthalene		U	440
88-74-4	2-Nitroaniline		U	1100
208-96-8	Acenaphthylene	74	J	440
131-11-3	Dimethylphthalate		U	440
606-20-2	2,6-Dinitrotoluene		U	440
83-32-9	Acenaphthene	190	J	440
99-09-2	3-Nitroaniline		U	1100
51-28-5	2,4-Dinitrophenol		U	1100
132-64-9	Dibenzofuran	200	J	440
121-14-2	2,4-Dinitrotoluene		U	440

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FORM 1 SV.1

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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Fax (845) 562-0841

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP-3RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: 237118-020RE

Sample wt/vol: 30.34 (g/ml) G Lab File ID: E72198.D

Level: (low/med) LOW Date Received: 6/9/2004

% Moisture: 25.4 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.48 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1100
86-73-7	Fluorene	320	J	440
7005-72-3	4-Chlorophenyl-phenylether		U	440
84-66-2	Diethylphthalate		U	440
100-01-6	4-Nitroaniline		U	1100
534-52-1	4,6-Dinitro-2-methylphenol		U	1100
86-30-6	n-Nitrosodiphenylamine (1)		U	440
101-55-3	4-Bromophenyl-phenylether		U	440
118-74-1	Hexachlorobenzene		U	440
87-86-5	Pentachlorophenol		U	1100
85-01-8	Phenanthrene	1200		440
120-12-7	Anthracene	260	J	440
84-74-2	Di-n-butylphthalate		U	440
206-44-0	Fluoranthene	1200		440
129-00-0	Pyrene	2600		440
85-68-7	Butylbenzylphthalate	47	J	440
91-94-1	3,3'-Dichlorobenzidine		U	440
56-55-3	Benzo(a)anthracene	630		440
218-01-9	Chrysene	960		440
117-81-7	bis(2-Ethylhexyl)phthalate	1300		440
117-84-0	Di-n-octylphthalate		U	440
205-99-2	Benzo(b)fluoranthene	1200		440
207-08-9	Benzo(k)fluoranthene	330	J	440
50-32-8	Benzo(a)pyrene	770		440
193-39-5	Indeno(1,2,3-cd)pyrene	380	J	440
62-75-9	n-Nitrosodimethylamine		U	440
53-70-3	Dibenz(a,h)anthracene	150	J	440
191-24-2	Benzo(g,h,i)perylene	390	J	440

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-3RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: 237118-020RE
 Sample wt/vol: 30.34 (g/ml) G Lab File ID: E72198.D
 Level: (low/med) LOW Date Received: 6/9/2004
 % Moisture: 25.4 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.48

CONCENTRATION UNITS:

Number TICs found: 18 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	4.87	310	J
2. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.29	24000	JN
3.	dimethylundecane isomer	10.52	330	J
4. 054676-39-0	Cyclohexane, 2-butyl-1,1,3-trimet	10.72	310	JN
5.	Unknown	11.24	270	J
6.	C15H28 isomer	12.60	190	J
7.	C15H28 isomer	13.23	610	J
8.	Unknown CnH2n+2	13.40	490	J
9.	C15H28 isomer	13.64	850	J
10.	Unknown	13.77	230	J
11.	C15H28 isomer	14.04	180	J
12.	Unknown CnH2n+2	14.48	540	J
13.	Unknown	14.65	480	J
14.	Unknown CnH2n+2	14.84	310	J
15.	Unknown CnH2n+2	15.30	680	J
16. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	15.87	1300	JN
17. 074645-98-0	Dodecane, 2,7,10-trimethyl-	16.82	880	JN
18. 86-74-8	Carbazole	17.41	130	JN

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV TIC
CTDOHS PH-0554

EPA NY049

PA 68-378

3/90
M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-5

Date Sampled.....: 06/08/2004

Time Sampled.....: 08:00

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-1

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	19.5						
EPA 160.3	% Solids	80.5			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis				0.10	%	06/10/04	ae
	alpha-BHC*	2.1	U		2.1	ug/Kg	06/25/04	ljc
	beta-BHC*	2.1	U		2.1	ug/Kg	06/25/04	ljc
	delta-BHC*	2.1	U		2.1	ug/Kg	06/25/04	ljc
	gamma-BHC (Lindane)*	2.1	U		2.1	ug/Kg	06/25/04	ljc
	Heptachlor*	1.1	U		2.1	ug/Kg	06/25/04	ljc
	Aldrin*	2.1	U		2.1	ug/Kg	06/25/04	ljc
	Heptachlor epoxide*	2.1	U		2.1	ug/Kg	06/25/04	ljc
	Endosulfan I*	2.1	U		2.1	ug/Kg	06/25/04	ljc
	Dieldrin*	4.1	U		4.1	ug/Kg	06/25/04	ljc
	4,4'-DDE*	4.1	U		4.1	ug/Kg	06/25/04	ljc
	Endrin*	4.1	U		4.1	ug/Kg	06/25/04	ljc
	Endosulfan II*	4.1	U		4.1	ug/Kg	06/25/04	ljc
	4,4'-DDD*	4.1	U		4.1	ug/Kg	06/25/04	ljc
	Endosulfan sulfate*	4.1	U		4.1	ug/Kg	06/25/04	ljc
	4,4'-DDT*	4.1	U		4.1	ug/Kg	06/25/04	ljc
	Methoxychlor*	4.1	U		4.1	ug/Kg	06/25/04	ljc
	Toxaphene*	21	U		21	ug/Kg	06/25/04	ljc
	Endrin aldehyde*	41	U		41	ug/Kg	06/25/04	ljc
	Technical Chlordane*	4.1	U		4.1	ug/Kg	06/25/04	ljc
		21	U		21	ug/Kg	06/25/04	ljc

n Description = Dry Wgt.

Page 3
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TRENT

NYSDOH 10142

NJDEP 73016

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-5
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 08:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-1
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	19.5			0.10	%	06/10/04	ae
EPA 160.3	% Solids	80.5			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	20	U		20	ug/Kg	06/22/04	l jc
	Aroclor 1221*	20	U		20	ug/Kg	06/22/04	l jc
	Aroclor 1232*	20	U		20	ug/Kg	06/22/04	l jc
	Aroclor 1242*	20	U		20	ug/Kg	06/22/04	l jc
	Aroclor 1248*	20	U		20	ug/Kg	06/22/04	l jc
	Aroclor 1254*	41	U		41	ug/Kg	06/22/04	l jc
	Aroclor 1260*	1700	U	E J	41	ug/Kg	06/22/04	l jc

In Description = Dry Wgt.

Page 3

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SEVERN
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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

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STL Newburgh
 315 Fullerton Avenue
 Newburgh, NY 12550
 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-5 DL

Date Sampled.....: 06/08/2004

Time Sampled.....: 08:00

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-1

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	410	U					
	Aroclor 1221*	410	U		410	ug/Kg	06/25/04	aml
	Aroclor 1232*	410	U		410	ug/Kg	06/25/04	aml
	Aroclor 1242*	410	U	J	410	ug/Kg	06/25/04	aml
	Aroclor 1248*	410	U		410	ug/Kg	06/25/04	aml
	Aroclor 1254*	820	U		410	ug/Kg	06/25/04	aml
	Aroclor 1260*	2700	U	D J	820	ug/Kg	06/25/04	aml

Description = Dry Wgt.

Page 3

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Customer Sample ID: TP-4
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 08:45
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-2
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	27.7			0.10	%	06/10/04	ae
EPA 160.3	% Solids	72.3			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.3	U		2.3	ug/Kg	06/25/04	ljc
	beta-BHC*	2.3	U		2.3	ug/Kg	06/25/04	ljc
	delta-BHC*	2.3	U		2.3	ug/Kg	06/25/04	ljc
	gamma-BHC (Lindane)*	2.3	U		2.3	ug/Kg	06/25/04	ljc
	Heptachlor*	2.3	U		2.3	ug/Kg	06/25/04	ljc
	Aldrin*	2.3	U		2.3	ug/Kg	06/25/04	ljc
	Heptachlor epoxide*	2.3	U		2.3	ug/Kg	06/25/04	ljc
	Endosulfan I*	4.6	U		2.3	ug/Kg	06/25/04	ljc
	Dieldrin*	4.6	U		4.6	ug/Kg	06/25/04	ljc
	4,4'-DDE*	4.6	U		4.6	ug/Kg	06/25/04	ljc
	Endrin*	4.6	U		4.6	ug/Kg	06/25/04	ljc
	Endosulfan II*	4.6	U		4.6	ug/Kg	06/25/04	ljc
	4,4'-DDD*	4.6	U		4.6	ug/Kg	06/25/04	ljc
	Endosulfan sulfate*	4.6	U		4.6	ug/Kg	06/25/04	ljc
	4,4'-DDT*	4.6	U		4.6	ug/Kg	06/25/04	ljc
	Methoxychlor*	4.6	U		4.6	ug/Kg	06/25/04	ljc
	Toxaphene*	23	U		23	ug/Kg	06/25/04	ljc
	Endrin aldehyde*	46	U		46	ug/Kg	06/25/04	ljc
	Technical Chlordane*	4.6	U		4.6	ug/Kg	06/25/04	ljc
		23	U		23	ug/Kg	06/25/04	ljc

In Description = Dry Wgt.

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CTDOHS PH-0554

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STL Newburgh
 315 Fullerton Avenue
 Newburgh, NY 12550
 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Customer Sample ID: TP-4 DL

Date Sampled.....: 06/08/2004

Time Sampled.....: 08:45

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-2

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	27.7						
EPA 160.3	% Solids	72.3			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis				0.10	%	06/10/04	ae
	Aroclor 1016*	23			23	ug/Kg	06/22/04	l jc
	Aroclor 1221*	23			23	ug/Kg	06/22/04	l jc
	Aroclor 1232*	23			23	ug/Kg	06/22/04	l jc
	Aroclor 1242*	23			23	ug/Kg	06/22/04	l jc
	Aroclor 1248*	23			23	ug/Kg	06/22/04	l jc
	Aroclor 1254*	45			45	ug/Kg	06/22/04	l jc
	Aroclor 1260*	410			45	ug/Kg	06/22/04	l jc

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-4
Date Sampled.....: 06/08/2004
Time Sampled.....: 08:45
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-2
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	230	U		230	ug/Kg	06/25/04	ljc
	Aroclor 1221*	230	U		230	ug/Kg	06/25/04	ljc
	Aroclor 1232*	230	U		230	ug/Kg	06/25/04	ljc
	Aroclor 1242*	230	U	J	230	ug/Kg	06/25/04	ljc
	Aroclor 1248*	230	U		230	ug/Kg	06/25/04	ljc
	Aroclor 1254*	460	U		460	ug/Kg	06/25/04	ljc
	Aroclor 1260*	440	J	D J	460	ug/Kg	06/25/04	ljc

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Customer Sample ID: TP-19

Date Sampled.....: 06/08/2004

Time Sampled.....: 09:20

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-3

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	20.8						
EPA 160.3	% Solids	79.2			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis				0.10	%	06/10/04	ae
	alpha-BHC*	2.1	U		2.1	ug/Kg	06/23/04	l jc
	beta-BHC*	2.1	U		2.1	ug/Kg	06/23/04	l jc
	delta-BHC*	2.1	U		2.1	ug/Kg	06/23/04	l jc
	gamma-BHC (Lindane)*	2.1	U		2.1	ug/Kg	06/23/04	l jc
	Heptachlor*	2.1	U		2.1	ug/Kg	06/23/04	l jc
	Aldrin*	2.1	U		2.1	ug/Kg	06/23/04	l jc
	Heptachlor epoxide*	2.1	U		2.1	ug/Kg	06/23/04	l jc
	Endosulfan I*	4.2	U		4.2	ug/Kg	06/23/04	l jc
	Dieldrin*	4.2	U		4.2	ug/Kg	06/23/04	l jc
	4,4'-DDE*	4.2	U		4.2	ug/Kg	06/23/04	l jc
	Endrin*	4.2	U		4.2	ug/Kg	06/23/04	l jc
	Endosulfan II*	4.2	U		4.2	ug/Kg	06/23/04	l jc
	4,4'-DDD*	4.2	U		4.2	ug/Kg	06/23/04	l jc
	Endosulfan sulfate*	4.2	U		4.2	ug/Kg	06/23/04	l jc
	4,4'-DDT*	4.2	U		4.2	ug/Kg	06/23/04	l jc
	Methoxychlor*	4.2	U		4.2	ug/Kg	06/23/04	l jc
	Toxaphene*	21	U		21	ug/Kg	06/23/04	l jc
	Endrin aldehyde*	42	U		42	ug/Kg	06/23/04	l jc
	Technical Chlordane*	6.1	U	P J	4.2	ug/Kg	06/23/04	l jc
		21	U		21	ug/Kg	06/23/04	l jc

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-19
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 09:20
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-3
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	20.8			0.10	%	06/10/04	ae
EPA 160.3	% Solids	79.2			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1221*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1232*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1242*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1248*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1254*	240	U		42	ug/Kg	06/22/04	ljc
	Aroclor 1260*	67	U		42	ug/Kg	06/22/04	ljc

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 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Customer Sample ID: TP-19DL
Date Sampled.....: 06/08/2004
Time Sampled.....: 09:20
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-3
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	42	U		42	ug/Kg	06/25/04	ljc
	Aroclor 1221*	42	U		42	ug/Kg	06/25/04	ljc
	Aroclor 1232*	42	U		42	ug/Kg	06/25/04	ljc
	Aroclor 1242*	42	U		42	ug/Kg	06/25/04	ljc
	Aroclor 1248*	42	U		42	ug/Kg	06/25/04	ljc
	Aroclor 1254*	250	U		84	ug/Kg	06/25/04	ljc
	Aroclor 1260*	100	U		84	ug/Kg	06/25/04	ljc

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Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-12
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 09:45
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-4
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	23.4						
EPA 160.3	% Solids	76.6			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis				0.10	%	06/10/04	ae
	alpha-BHC*	2.2			2.2	ug/Kg	06/23/04	l jc
	beta-BHC*	0.90			2.2	ug/Kg	06/23/04	l jc
	delta-BHC*	2.2			2.2	ug/Kg	06/23/04	l jc
	gamma-BHC (Lindane)*	2.2			2.2	ug/Kg	06/23/04	l jc
	Heptachlor*	2.2			2.2	ug/Kg	06/23/04	l jc
	Aldrin*	2.2			2.2	ug/Kg	06/23/04	l jc
	Heptachlor epoxide*	2.2			2.2	ug/Kg	06/23/04	l jc
	Endosulfan I*	2.2			2.2	ug/Kg	06/23/04	l jc
	Dieldrin*	4.3			4.3	ug/Kg	06/23/04	l jc
	4,4'-DDE*	4.3			4.3	ug/Kg	06/23/04	l jc
	Endrin*	2.2			4.3	ug/Kg	06/23/04	l jc
	Endosulfan II*	4.3			4.3	ug/Kg	06/23/04	l jc
	4,4'-DDD*	4.3			4.3	ug/Kg	06/23/04	l jc
	Endosulfan sulfate*	4.3			4.3	ug/Kg	06/23/04	l jc
	4,4'-DDT*	4.3			4.3	ug/Kg	06/23/04	l jc
	Methoxychlor*	4.3			4.3	ug/Kg	06/23/04	l jc
	Toxaphene*	22			22	ug/Kg	06/23/04	l jc
	Endrin aldehyde*	44			44	ug/Kg	06/23/04	l jc
	Technical Chlordane*	4.3			4.3	ug/Kg	06/23/04	l jc
		22			22	ug/Kg	06/23/04	l jc

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STL Newburgh
 315 Fullerton Avenue
 Newburgh, NY 12550
 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-12
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 09:45
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-4
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	23.4			0.10	%	06/10/04	ae
EPA 160.3	% Solids	76.6			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	22	U		22	ug/Kg	06/22/04	ljc
	Aroclor 1221*	22	U		22	ug/Kg	06/22/04	ljc
	Aroclor 1232*	22	U		22	ug/Kg	06/22/04	ljc
	Aroclor 1242*	22	U		22	ug/Kg	06/22/04	ljc
	Aroclor 1248*	22	U		22	ug/Kg	06/22/04	ljc
	Aroclor 1254*	250	U		43	ug/Kg	06/22/04	ljc
	Aroclor 1260*	71	U		43	ug/Kg	06/22/04	ljc

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 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025p

ATTN: Mark Schumacher

Customer Sample ID: TP-12DL
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 09:45
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-4
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	43	U		43	ug/Kg	06/25/04	ljc
	Aroclor 1221*	43	U		43	ug/Kg	06/25/04	ljc
	Aroclor 1232*	43	U		43	ug/Kg	06/25/04	ljc
	Aroclor 1242*	43	U		43	ug/Kg	06/25/04	ljc
	Aroclor 1248*	43	U		43	ug/Kg	06/25/04	ljc
	Aroclor 1254*	280			87	ug/Kg	06/25/04	ljc
	Aroclor 1260*	90			87	ug/Kg	06/25/04	ljc

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 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-17
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 10:30
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-5
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	49.6			0.10	%	06/10/04	ae
EPA 160.3	% Solids	50.4			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	3.3	U		3.3	ug/Kg	06/23/04	ljc
	beta-BHC*	3.3	U		3.3	ug/Kg	06/23/04	ljc
	delta-BHC*	3.3	U		3.3	ug/Kg	06/23/04	ljc
	gamma-BHC (Lindane)*	14		PJ	3.3	ug/Kg	06/23/04	ljc
	Heptachlor*	3.3	U		3.3	ug/Kg	06/23/04	ljc
	Aldrin*	3.3	U		3.3	ug/Kg	06/23/04	ljc
	Heptachlor epoxide*	3.3	U		3.3	ug/Kg	06/23/04	ljc
	Endosulfan I*	3.3	U		3.3	ug/Kg	06/23/04	ljc
	Dieldrin*	6.6	U		6.6	ug/Kg	06/23/04	ljc
	4,4'-DDE*	5.3	J	4U	6.6	ug/Kg	06/23/04	ljc
	Endrin*	5.4	J		6.6	ug/Kg	06/23/04	ljc
	Endosulfan II*	6.6	U		6.6	ug/Kg	06/23/04	ljc
	4,4'-DDD*	6.6	U		6.6	ug/Kg	06/23/04	ljc
	Endosulfan sulfate*	6.6	U		6.6	ug/Kg	06/23/04	ljc
	4,4'-DDT*	6.6	U		6.6	ug/Kg	06/23/04	ljc
	Methoxychlor*	6.6	U		6.6	ug/Kg	06/23/04	ljc
	Toxaphene*	33	U		33	ug/Kg	06/23/04	ljc
	Endrin aldehyde*	66	U		66	ug/Kg	06/23/04	ljc
	Technical Chlordane*	6.6	U		6.6	ug/Kg	06/23/04	ljc
		33	U		33	ug/Kg	06/23/04	ljc

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 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Customer Sample ID: TP-17

Date Sampled.....: 06/08/2004

Time Sampled.....: 10:30

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-5

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	49.6			0.10	%	06/10/04	ae
EPA 160.3	% Solids	50.4			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	32	U		32	ug/Kg	06/22/04	l jc
	Aroclor 1221*	32	U		32	ug/Kg	06/22/04	l jc
	Aroclor 1232*	32	U		32	ug/Kg	06/22/04	l jc
	Aroclor 1242*	32	U		32	ug/Kg	06/22/04	l jc
	Aroclor 1248*	32	U		32	ug/Kg	06/22/04	l jc
	Aroclor 1254*	360	U		65	ug/Kg	06/22/04	l jc
	Aroclor 1260*	84	U		65	ug/Kg	06/22/04	l jc

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STL Newburgh
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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Customer Sample ID: TP-17 **DL**
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 10:30
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-5
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	66	U		66	ug/Kg	06/25/04	ljc
	Aroclor 1221*	66	U		66	ug/Kg	06/25/04	ljc
	Aroclor 1232*	66	U		66	ug/Kg	06/25/04	ljc
	Aroclor 1242*	66	U	J	66	ug/Kg	06/25/04	ljc
	Aroclor 1248*	66	U		66	ug/Kg	06/25/04	ljc
	Aroclor 1254*	370		D	130	ug/Kg	06/25/04	ljc
	Aroclor 1260*	110	J	D J	130	ug/Kg	06/25/04	ljc

In Description = Dry Wgt.

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 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGryted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-18
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 11:10
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-6
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	54.1			0.10	%	06/10/04	ae
EPA 160.3	% Solids	45.9			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	3.6	U		3.6	ug/Kg	06/25/04	ljc
	beta-BHC*	3.6	UU		3.6	ug/Kg	06/25/04	ljc
	delta-BHC*	3.6	UU		3.6	ug/Kg	06/25/04	ljc
	gamma-BHC (Lindane)*	8.9		PJ	3.6	ug/Kg	06/25/04	ljc
	Heptachlor*	3.6	U		3.6	ug/Kg	06/25/04	ljc
	Aldrin*	11		PJ	3.6	ug/Kg	06/25/04	ljc
	Heptachlor epoxide*	3.6	U		3.6	ug/Kg	06/25/04	ljc
	Endosulfan I*	4.2	J	PJ	3.6	ug/Kg	06/25/04	ljc
	Dieldrin*	20		PJ	7.3	ug/Kg	06/25/04	ljc
	4,4'-DDE*	7.3	U		7.3	ug/Kg	06/25/04	ljc
	Endrin*	7.3	UU		7.3	ug/Kg	06/25/04	ljc
	Endosulfan II*	7.3	UU		7.3	ug/Kg	06/25/04	ljc
	4,4'-DDD*	7.3	UU		7.3	ug/Kg	06/25/04	ljc
	Endosulfan sulfate*	7.3	UU		7.3	ug/Kg	06/25/04	ljc
	4,4'-DDT*	7.3	UU		7.3	ug/Kg	06/25/04	ljc
	Methoxychlor*	7.3	UU		7.3	ug/Kg	06/25/04	ljc
	Toxaphene*	36	U		36	ug/Kg	06/25/04	ljc
	Endrin aldehyde*	73	UU		73	ug/Kg	06/25/04	ljc
	Technical Chlordane*	7.3	UU		7.3	ug/Kg	06/25/04	ljc
		36	U		36	ug/Kg	06/25/04	ljc

In Description = Dry Wgt.

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CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
 315 Fullerton Avenue
 Newburgh, NY 12550
 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGryted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Customer Sample ID: TP-18
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 11:10
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-6
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	54.1			0.10	%	06/10/04	ae
EPA 160.3	% Solids	45.9			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	36	U		36	ug/Kg	06/22/04	ljc
	Aroclor 1221*	36	U		36	ug/Kg	06/22/04	ljc
	Aroclor 1232*	36	U		36	ug/Kg	06/22/04	ljc
	Aroclor 1242*	36	U		36	ug/Kg	06/22/04	ljc
	Aroclor 1248*	36	U		36	ug/Kg	06/22/04	ljc
	Aroclor 1254*	930	U		72	ug/Kg	06/22/04	ljc
	Aroclor 1260*	350	U		72	ug/Kg	06/22/04	ljc

n Description = Dry Wgt.

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STL Newburgh
 315 Fullerton Avenue
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 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-18 DL
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 11:10
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-6
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	360	U		360	ug/Kg	06/25/04	ljc
	Aroclor 1221*	360	U		360	ug/Kg	06/25/04	ljc
	Aroclor 1232*	360	U		360	ug/Kg	06/25/04	ljc
	Aroclor 1242*	360	U	J	360	ug/Kg	06/25/04	ljc
	Aroclor 1248*	360	U		360	ug/Kg	06/25/04	ljc
	Aroclor 1254*	1200	U		360	ug/Kg	06/25/04	ljc
	Aroclor 1260*	560	J	D J	730	ug/Kg	06/25/04	ljc

In Description = Dry Wgt.

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 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-16

Date Sampled.....: 06/08/2004

Time Sampled.....: 12:45

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-7

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	21.2			0.10	%	06/10/04	ae
EPA 160.3	% Solids	78.8			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.1	U		2.1	ug/Kg	06/25/04	ljc
	beta-BHC*	3.6			2.1	ug/Kg	06/25/04	ljc
	delta-BHC*	2.1	U		2.1	ug/Kg	06/25/04	ljc
	gamma-BHC (Lindane)*	2.1	U		2.1	ug/Kg	06/25/04	ljc
	Heptachlor*	2.1	U		2.1	ug/Kg	06/25/04	ljc
	Aldrin*	2.1	U		2.1	ug/Kg	06/25/04	ljc
	Heptachlor epoxide*	2.1	U		2.1	ug/Kg	06/25/04	ljc
	Endosulfan I*	4.2	U		4.2	ug/Kg	06/25/04	ljc
	Dieldrin*	4.2	U		4.2	ug/Kg	06/25/04	ljc
	4,4'-DDE*	4.2	U		4.2	ug/Kg	06/25/04	ljc
	Endrin*	4.2	U		4.2	ug/Kg	06/25/04	ljc
	Endosulfan II*	4.2	U		4.2	ug/Kg	06/25/04	ljc
	4,4'-DDD*	4.2	U		4.2	ug/Kg	06/25/04	ljc
	Endosulfan sulfate*	4.2	U		4.2	ug/Kg	06/25/04	ljc
	4,4'-DDT*	4.2	U		4.2	ug/Kg	06/25/04	ljc
	Methoxychlor*	21	U		21	ug/Kg	06/25/04	ljc
	Toxaphene*	42	U		42	ug/Kg	06/25/04	ljc
	Endrin aldehyde*	4.2	U		4.2	ug/Kg	06/25/04	ljc
	Technical Chlordane*	21	U		21	ug/Kg	06/25/04	ljc

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-16

Date Sampled.....: 06/08/2004

Time Sampled.....: 12:45

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-7

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	21.2			0.10	%	06/10/04	ae
EPA 160.3	% Solids	78.8			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	21	U		21	ug/Kg	06/22/04	l jc
	Aroclor 1221*	21	U		21	ug/Kg	06/22/04	l jc
	Aroclor 1232*	21	U		21	ug/Kg	06/22/04	l jc
	Aroclor 1242*	21	U		21	ug/Kg	06/22/04	l jc
	Aroclor 1248*	21	U		21	ug/Kg	06/22/04	l jc
	Aroclor 1254*	100	U		42	ug/Kg	06/22/04	l jc
	Aroclor 1260*	42	U		42	ug/Kg	06/22/04	l jc

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-13
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-8
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	49.6			0.10	%	06/10/04	ae
EPA 160.3	% Solids	50.4			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	3.3	U		3.3	ug/Kg	06/25/04	ljc
	beta-BHC*	3.3	U		3.3	ug/Kg	06/25/04	ljc
	delta-BHC*	3.3	U		3.3	ug/Kg	06/25/04	ljc
	gamma-BHC (Lindane)*	3.0	J	P J	3.3	ug/Kg	06/25/04	ljc
	Heptachlor*	3.3	U		3.3	ug/Kg	06/25/04	ljc
	Aldrin*	3.3	U		3.3	ug/Kg	06/25/04	ljc
	Heptachlor epoxide*	3.3	U		3.3	ug/Kg	06/25/04	ljc
	Endosulfan I*	3.3	U		3.3	ug/Kg	06/25/04	ljc
	Dieldrin*	6.6	U		6.6	ug/Kg	06/25/04	ljc
	4,4'-DDE*	5.7	J	P J	6.6	ug/Kg	06/25/04	ljc
	Endrin*	6.6	U		6.6	ug/Kg	06/25/04	ljc
	Endosulfan II*	6.6	U		6.6	ug/Kg	06/25/04	ljc
	4,4'-DDD*	6.6	U		6.6	ug/Kg	06/25/04	ljc
	Endosulfan sulfate*	6.6	U		6.6	ug/Kg	06/25/04	ljc
	4,4'-DDT*	6.6	U		6.6	ug/Kg	06/25/04	ljc
	Methoxychlor*	6.6	U		6.6	ug/Kg	06/25/04	ljc
	Toxaphene*	33	U		33	ug/Kg	06/25/04	ljc
	Endrin aldehyde*	66	U		66	ug/Kg	06/25/04	ljc
	Technical Chlordane*	6.6	U		6.6	ug/Kg	06/25/04	ljc
		33	U		33	ug/Kg	06/25/04	ljc

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STL Newburgh
 315 Fullerton Avenue
 Newburgh, NY 12550
 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Customer Sample ID: TP-13
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-8
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	49.6			0.10	%	06/10/04	ae
EPA 160.3	% Solids	50.4			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	33	U		33	ug/Kg	06/22/04	l jc
	Aroclor 1221*	33	U		33	ug/Kg	06/22/04	l jc
	Aroclor 1232*	33	U		33	ug/Kg	06/22/04	l jc
	Aroclor 1242*	33	U	J	33	ug/Kg	06/22/04	l jc
	Aroclor 1248*	33	U		33	ug/Kg	06/22/04	l jc
	Aroclor 1254*	370		J EP J	66	ug/Kg	06/22/04	l jc
	Aroclor 1260*	160			66	ug/Kg	06/22/04	l jc

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STL Newburgh
 315 Fullerton Avenue
 Newburgh, NY 12550
 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Customer Sample ID: TP-13 **DL**
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-8
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	66	U		66	ug/Kg	06/25/04	ljc
	Aroclor 1221*	66	U		66	ug/Kg	06/25/04	ljc
	Aroclor 1232*	66	U		66	ug/Kg	06/25/04	ljc
	Aroclor 1242*	66	U	J	66	ug/Kg	06/25/04	ljc
	Aroclor 1248*	66	U		66	ug/Kg	06/25/04	ljc
	Aroclor 1254*	340		D	130	ug/Kg	06/25/04	ljc
	Aroclor 1260*	210		D J	130	ug/Kg	06/25/04	ljc

n Description = Dry Wgt.

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 315 Fullerton Avenue
 Newburgh, NY 12550
 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-14
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 14:15
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-9
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	35.1			0.10	%	06/10/04	ae
EPA 160.3	% Solids	64.9			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.6	U		2.6	ug/Kg	06/25/04	ljc
	beta-BHC*	2.6	U		2.6	ug/Kg	06/25/04	ljc
	delta-BHC*	2.6	U		2.6	ug/Kg	06/25/04	ljc
	gamma-BHC (Lindane)*	2.6	U	J	2.6	ug/Kg	06/25/04	ljc
	Heptachlor*	12	U		2.6	ug/Kg	06/25/04	ljc
	Aldrin*	2.6	U		2.6	ug/Kg	06/25/04	ljc
	Heptachlor epoxide*	2.6	U		2.6	ug/Kg	06/25/04	ljc
	Endosulfan I*	2.6	U		2.6	ug/Kg	06/25/04	ljc
	Dieldrin*	5.1	U		5.1	ug/Kg	06/25/04	ljc
	4,4'-DDE*	32	U	J	5.1	ug/Kg	06/25/04	ljc
	Endrin*	5.1	U		5.1	ug/Kg	06/25/04	ljc
	Endosulfan II*	5.1	U		5.1	ug/Kg	06/25/04	ljc
	4,4'-DDD*	5.1	U		5.1	ug/Kg	06/25/04	ljc
	Endosulfan sulfate*	5.1	U		5.1	ug/Kg	06/25/04	ljc
	4,4'-DDT*	5.1	U		5.1	ug/Kg	06/25/04	ljc
	Methoxychlor*	5.1	U		5.1	ug/Kg	06/25/04	ljc
	Toxaphene*	26	U		26	ug/Kg	06/25/04	ljc
	Endrin aldehyde*	51	U		51	ug/Kg	06/25/04	ljc
	Technical Chlordane*	9.8	U	J	5.1	ug/Kg	06/25/04	ljc
		26	U		26	ug/Kg	06/25/04	ljc

n Description = Dry Wgt.

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STL Newburgh
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 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-14

Date Sampled.....: 06/08/2004

Time Sampled.....: 14:15

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-9

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	35.1			0.10	%	06/10/04	ae
EPA 160.3	% Solids	64.9			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	25	U		25	ug/Kg	06/22/04	ljc
	Aroclor 1221*	25	U		25	ug/Kg	06/22/04	ljc
	Aroclor 1232*	25	U		25	ug/Kg	06/22/04	ljc
	Aroclor 1242*	25	U		25	ug/Kg	06/22/04	ljc
	Aroclor 1248*	25	U		25	ug/Kg	06/22/04	ljc
	Aroclor 1254*	680	U		51	ug/Kg	06/22/04	ljc
	Aroclor 1260*	210	U		51	ug/Kg	06/22/04	ljc

In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-14 DL
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 14:15
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-9
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	260	U		260	ug/Kg	06/25/04	l jc
	Aroclor 1221*	260	U		260	ug/Kg	06/25/04	l jc
	Aroclor 1232*	260	U		260	ug/Kg	06/25/04	l jc
	Aroclor 1242*	260	U	J	260	ug/Kg	06/25/04	l jc
	Aroclor 1248*	260	U		260	ug/Kg	06/25/04	l jc
	Aroclor 1254*	770	U	J	510	ug/Kg	06/25/04	l jc
	Aroclor 1260*	290	J	D J	510	ug/Kg	06/25/04	l jc

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STL Newburgh
 315 Fullerton Avenue
 Newburgh, NY 12550
 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-15
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 14:55
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-10
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	48.7			0.10	%	06/10/04	ae
EPA 160.3	% Solids	51.3			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	3.2	U		3.2	ug/Kg	06/23/04	ljc
	beta-BHC*	3.2	U		3.2	ug/Kg	06/23/04	ljc
	delta-BHC*	3.2	U		3.2	ug/Kg	06/23/04	ljc
	gamma-BHC (Lindane)*	36	U		3.2	ug/Kg	06/23/04	ljc
	Heptachlor*	3.2	U		3.2	ug/Kg	06/23/04	ljc
	Aldrin*	3.2	U		3.2	ug/Kg	06/23/04	ljc
	Heptachlor epoxide*	3.2	U		3.2	ug/Kg	06/23/04	ljc
	Endosulfan I*	3.2	U		3.2	ug/Kg	06/23/04	ljc
	Dieldrin*	6.5	U		6.5	ug/Kg	06/23/04	ljc
	4,4'-DDE*	6.5	U		6.5	ug/Kg	06/23/04	ljc
	Endrin*	15	U	PJ	6.5	ug/Kg	06/23/04	ljc
	Endosulfan II*	6.5	U		6.5	ug/Kg	06/23/04	ljc
	4,4'-DDD*	6.5	U		6.5	ug/Kg	06/23/04	ljc
	Endosulfan sulfate*	6.5	U		6.5	ug/Kg	06/23/04	ljc
	4,4'-DDT*	6.5	U		6.5	ug/Kg	06/23/04	ljc
	Methoxychlor*	6.5	U		6.5	ug/Kg	06/23/04	ljc
	Toxaphene*	32	U		32	ug/Kg	06/23/04	ljc
	Endrin aldehyde*	65	U		65	ug/Kg	06/23/04	ljc
	Technical Chlordane*	5.9	J	PJ	6.5	ug/Kg	06/23/04	ljc
		32	U		32	ug/Kg	06/23/04	ljc

n Description = Dry Wgt.

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CTDOHS PH-0554

EPA NY049

PA 68-378

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STL Newburgh
 315 Fullerton Avenue
 Newburgh, NY 12550
 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-15

Date Sampled.....: 06/08/2004

Time Sampled.....: 14:55

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-10

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	48.7			0.10	%	06/10/04	ae
EPA 160.3	% Solids	51.3			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	32	U	U	32	ug/Kg	06/22/04	ljc
	Aroclor 1221*	32	U	U	32	ug/Kg	06/22/04	ljc
	Aroclor 1232*	32	U	U	32	ug/Kg	06/22/04	ljc
	Aroclor 1242*	32	U	U	32	ug/Kg	06/22/04	ljc
	Aroclor 1248*	32	U	U	32	ug/Kg	06/22/04	ljc
	Aroclor 1254*	620	U	U	64	ug/Kg	06/22/04	ljc
	Aroclor 1260*	150	U	U	64	ug/Kg	06/22/04	ljc

In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-15 **DL**
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 14:55
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-10
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	320	U		320	ug/Kg	06/25/04	ljc
	Aroclor 1221*	320	U		320	ug/Kg	06/25/04	ljc
	Aroclor 1232*	320	U		320	ug/Kg	06/25/04	ljc
	Aroclor 1242*	320	U	J	320	ug/Kg	06/25/04	ljc
	Aroclor 1248*	320	U		320	ug/Kg	06/25/04	ljc
	Aroclor 1254*	700		D	650	ug/Kg	06/25/04	ljc
	Aroclor 1260*	200	J	DJ	650	ug/Kg	06/25/04	ljc

Description = Dry Wgt.

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 315 Fullerton Avenue
 Newburgh, NY 12550
 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-2

Date Sampled.....: 06/07/2004

Time Sampled.....: 09:00

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-11

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	23.7			0.10	%	06/10/04	ae
EPA 160.3	% Solids	76.3			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.2	U		2.2	ug/Kg	06/25/04	ljc
	beta-BHC*	2.2	U		2.2	ug/Kg	06/25/04	ljc
	delta-BHC*	2.2	U		2.2	ug/Kg	06/25/04	ljc
	gamma-BHC (Lindane)*	0.80	J	PJ	2.2	ug/Kg	06/25/04	ljc
	Heptachlor*	2.2	U		2.2	ug/Kg	06/25/04	ljc
	Aldrin*	2.2	U		2.2	ug/Kg	06/25/04	ljc
	Heptachlor epoxide*	2.2	U		2.2	ug/Kg	06/25/04	ljc
	Endosulfan I*	2.2	U		2.2	ug/Kg	06/25/04	ljc
	Dieldrin*	4.4	U		4.4	ug/Kg	06/25/04	ljc
	4,4'-DDE*	4.4	U		4.4	ug/Kg	06/25/04	ljc
	Endrin*	4.4	U		4.4	ug/Kg	06/25/04	ljc
	Endosulfan II*	4.4	U		4.4	ug/Kg	06/25/04	ljc
	4,4'-DDD*	4.4	U		4.4	ug/Kg	06/25/04	ljc
	Endosulfan sulfate*	4.4	U		4.4	ug/Kg	06/25/04	ljc
	4,4'-DDT*	4.4	U		4.4	ug/Kg	06/25/04	ljc
	Methoxychlor*	4.4	U		4.4	ug/Kg	06/25/04	ljc
	Toxaphene*	22	U		22	ug/Kg	06/25/04	ljc
	Endrin aldehyde*	44	U		44	ug/Kg	06/25/04	ljc
	Technical Chlordane*	4.4	U		4.4	ug/Kg	06/25/04	ljc
		22	U		22	ug/Kg	06/25/04	ljc

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STL Newburgh
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Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-2

Date Sampled.....: 06/07/2004

Time Sampled.....: 09:00

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-11

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	23.7			0.10	%	06/10/04	ae
EPA 160.3	% Solids	76.3			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1221*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1232*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1242*	21	U	J	21	ug/Kg	06/22/04	ljc
	Aroclor 1248*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1254*	42	U		42	ug/Kg	06/22/04	ljc
	Aroclor 1260*	42	U		42	ug/Kg	06/22/04	ljc

n Description = Dry Wgt.

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315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Customer Sample ID: TP-1

Date Sampled.....: 06/07/2004

Time Sampled.....: 09:52

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-12

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	25.2			0.10	%	06/10/04	ae
EPA 160.3	% Solids	74.8			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.2	U		2.2	ug/Kg	06/23/04	ljc
	beta-BHC*	2.2	U		2.2	ug/Kg	06/23/04	ljc
	delta-BHC*	2.2	U		2.2	ug/Kg	06/23/04	ljc
	gamma-BHC (Lindane)*	2.2	U		2.2	ug/Kg	06/23/04	ljc
	Heptachlor*	2.2	U		2.2	ug/Kg	06/23/04	ljc
	Aldrin*	2.2	U		2.2	ug/Kg	06/23/04	ljc
	Heptachlor epoxide*	2.2	U		2.2	ug/Kg	06/23/04	ljc
	Endosulfan I*	2.2	U		2.2	ug/Kg	06/23/04	ljc
	Dieldrin*	4.4	U		4.4	ug/Kg	06/23/04	ljc
	4,4'-DDE*	32	U	P J	4.4	ug/Kg	06/23/04	ljc
	Endrin*	4.4	U		4.4	ug/Kg	06/23/04	ljc
	Endosulfan II*	4.4	U		4.4	ug/Kg	06/23/04	ljc
	4,4'-DDD*	4.4	U		4.4	ug/Kg	06/23/04	ljc
	Endosulfan sulfate*	4.4	U		4.4	ug/Kg	06/23/04	ljc
	4,4'-DDT*	4.4	U		4.4	ug/Kg	06/23/04	ljc
	Methoxychlor*	4.4	U		4.4	ug/Kg	06/23/04	ljc
	Toxaphene*	22	U		22	ug/Kg	06/23/04	ljc
	Endrin aldehyde*	45	U		45	ug/Kg	06/23/04	ljc
	Technical Chlordane*	4.4	U		4.4	ug/Kg	06/23/04	ljc
		22	U		22	ug/Kg	06/23/04	ljc

n Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Customer Sample ID: TP-1
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 09:52
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-12
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	25.2			0.10	%	06/10/04	ae
EPA 160.3	% Solids	74.8			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1221*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1232*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1242*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1248*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1254*	720	U		43	ug/Kg	06/22/04	ljc
	Aroclor 1260*	150	U		43	ug/Kg	06/22/04	ljc

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STL Newburgh
 315 Fullerton Avenue
 Newburgh, NY 12550
 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-1 DL
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 09:52
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-12
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	220	U		220	ug/Kg	06/25/04	ljc
	Aroclor 1221*	220	U		220	ug/Kg	06/25/04	ljc
	Aroclor 1232*	220	U		220	ug/Kg	06/25/04	ljc
	Aroclor 1242*	220	U	J	220	ug/Kg	06/25/04	ljc
	Aroclor 1248*	220	U		220	ug/Kg	06/25/04	ljc
	Aroclor 1254*	970	U		440	ug/Kg	06/25/04	ljc
	Aroclor 1260*	250	J	ND H5	440	ug/Kg	06/25/04	ljc

In Description = Dry Wgt.

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 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-8

Date Sampled.....: 06/07/2004

Time Sampled.....: 10:30

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-13

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	29.9			0.10	%	06/10/04	ae
EPA 160.3	% Solids	70.1			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.4	U		2.4	ug/Kg	06/23/04	ljc
	beta-BHC*	2.4	U		2.4	ug/Kg	06/23/04	ljc
	delta-BHC*	2.4	U		2.4	ug/Kg	06/23/04	ljc
	gamma-BHC (Lindane)*	2.4	U		2.4	ug/Kg	06/23/04	ljc
	Heptachlor*	2.4	U		2.4	ug/Kg	06/23/04	ljc
	Aldrin*	2.4	U		2.4	ug/Kg	06/23/04	ljc
	Heptachlor epoxide*	2.4	U		2.4	ug/Kg	06/23/04	ljc
	Endosulfan I*	4.7	U		4.7	ug/Kg	06/23/04	ljc
	Dieldrin*	4.7	U		4.7	ug/Kg	06/23/04	ljc
	4,4'-DDE*	4.7	U		4.7	ug/Kg	06/23/04	ljc
	Endrin*	4.7	U		4.7	ug/Kg	06/23/04	ljc
	Endosulfan II*	4.7	U		4.7	ug/Kg	06/23/04	ljc
	4,4'-DDD*	4.7	U		4.7	ug/Kg	06/23/04	ljc
	Endosulfan sulfate*	4.7	U		4.7	ug/Kg	06/23/04	ljc
	4,4'-DDT*	4.7	U		4.7	ug/Kg	06/23/04	ljc
	Methoxychlor*	24	U		24	ug/Kg	06/23/04	ljc
	Toxaphene*	48	U		48	ug/Kg	06/23/04	ljc
	Endrin aldehyde*	4.7	U		4.7	ug/Kg	06/23/04	ljc
	Technical Chlordane*	24	U		24	ug/Kg	06/23/04	ljc

n Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-8
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 10:30
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-13
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	29.9			0.10	%	06/10/04	ae
EPA 160.3	% Solids	70.1			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	23	U		23	ug/Kg	06/22/04	ljc
	Aroclor 1221*	23	U		23	ug/Kg	06/22/04	ljc
	Aroclor 1232*	23	U		23	ug/Kg	06/22/04	ljc
	Aroclor 1242*	23	U		23	ug/Kg	06/22/04	ljc
	Aroclor 1248*	23	U		23	ug/Kg	06/22/04	ljc
	Aroclor 1254*	720			46	ug/Kg	06/22/04	ljc
	Aroclor 1260*	220			46	ug/Kg	06/22/04	ljc

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 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-8 DL

Date Sampled.....: 06/07/2004

Time Sampled.....: 10:30

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-13

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	240	U		240	ug/Kg	06/25/04	ljc
	Aroclor 1221*	240	U		240	ug/Kg	06/25/04	ljc
	Aroclor 1232*	240	U		240	ug/Kg	06/25/04	ljc
	Aroclor 1242*	240	U	J	240	ug/Kg	06/25/04	ljc
	Aroclor 1248*	240	U		240	ug/Kg	06/25/04	ljc
	Aroclor 1254*	960		D J	470	ug/Kg	06/25/04	ljc
	Aroclor 1260*	330	J	DP J	470	ug/Kg	06/25/04	ljc

Description = Dry Wgt.

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 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: Integreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-7

Date Sampled.....: 06/07/2004

Time Sampled.....: 11:15

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-14

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	12.7			0.10	%	06/10/04	ae
EPA 160.3	% Solids	87.3			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	1.9	U		1.9	ug/Kg	06/25/04	l jc
	beta-BHC*	1.9	U		1.9	ug/Kg	06/25/04	l jc
	delta-BHC*	1.9	U		1.9	ug/Kg	06/25/04	l jc
	gamma-BHC (Lindane)*	1.9	U		1.9	ug/Kg	06/25/04	l jc
	Heptachlor*	1.9	U		1.9	ug/Kg	06/25/04	l jc
	Aldrin*	1.9	U		1.9	ug/Kg	06/25/04	l jc
	Heptachlor epoxide*	1.9	U		1.9	ug/Kg	06/25/04	l jc
	Endosulfan I*	1.9	U		1.9	ug/Kg	06/25/04	l jc
	Dieldrin*	3.8	U		3.8	ug/Kg	06/25/04	l jc
	4,4'-DDE*	3.8	U		3.8	ug/Kg	06/25/04	l jc
	Endrin*	3.8	U		3.8	ug/Kg	06/25/04	l jc
	Endosulfan II*	3.8	U		3.8	ug/Kg	06/25/04	l jc
	4,4'-DDD*	3.8	U		3.8	ug/Kg	06/25/04	l jc
	Endosulfan sulfate*	3.8	U		3.8	ug/Kg	06/25/04	l jc
	4,4'-DDT*	3.8	U		3.8	ug/Kg	06/25/04	l jc
	Methoxychlor*	3.8	U		3.8	ug/Kg	06/25/04	l jc
	Toxaphene*	19	U		19	ug/Kg	06/25/04	l jc
	Endrin aldehyde*	38	U		38	ug/Kg	06/25/04	l jc
	Technical Chlordane*	3.8	U		3.8	ug/Kg	06/25/04	l jc
		19	U		19	ug/Kg	06/25/04	l jc

n Description = Dry Wgt.

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CTDOHS PH-0554

EPA NY049

PA 68-378

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-7

Date Sampled.....: 06/07/2004

Time Sampled.....: 11:15

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-14

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	12.7			0.10	%	06/10/04	ae
EPA 160.3	% Solids	87.3			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	19	U		19	ug/Kg	06/22/04	l jc
	Aroclor 1221*	19	U		19	ug/Kg	06/22/04	l jc
	Aroclor 1232*	19	U		19	ug/Kg	06/22/04	l jc
	Aroclor 1242*	19	U		19	ug/Kg	06/22/04	l jc
	Aroclor 1248*	19	U		19	ug/Kg	06/22/04	l jc
	Aroclor 1254*	45	U		38	ug/Kg	06/22/04	l jc
	Aroclor 1260*	32	J	PCB	38	ug/Kg	06/22/04	l jc

n Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
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Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-6
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 12:45
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-15
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	18.9			0.10	%	06/10/04	ae
EPA 160.3	% Solids	81.1			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.0	U	h	2.0	ug/Kg	06/23/04	ljc
	beta-BHC*	2.0	U	h	2.0	ug/Kg	06/23/04	ljc
	delta-BHC*	2.0	U	h	2.0	ug/Kg	06/23/04	ljc
	gamma-BHC (Lindane)*	2.0	U	h	2.0	ug/Kg	06/23/04	ljc
	Heptachlor*	2.0	U	h	2.0	ug/Kg	06/23/04	ljc
	Aldrin*	2.0	U	h	2.0	ug/Kg	06/23/04	ljc
	Heptachlor epoxide*	2.0	U	h	2.0	ug/Kg	06/23/04	ljc
	Endosulfan I*	2.0	U	h	2.0	ug/Kg	06/23/04	ljc
	Dieldrin*	4.1	U	h	4.1	ug/Kg	06/23/04	ljc
	4,4'-DDE*	4.1	U	h	4.1	ug/Kg	06/23/04	ljc
	Endrin*	4.1	U	h	4.1	ug/Kg	06/23/04	ljc
	Endosulfan II*	4.1	U	h	4.1	ug/Kg	06/23/04	ljc
	4,4'-DDD*	4.1	U	h	4.1	ug/Kg	06/23/04	ljc
	Endosulfan sulfate*	4.1	U	h	4.1	ug/Kg	06/23/04	ljc
	4,4'-DDT*	4.1	U	h	4.1	ug/Kg	06/23/04	ljc
	Methoxychlor*	4.1	U	h	4.1	ug/Kg	06/23/04	ljc
	Toxaphene*	21	U	h	21	ug/Kg	06/23/04	ljc
	Endrin aldehyde*	41	U	h	41	ug/Kg	06/23/04	ljc
	Technical Chlordane*	4.1	U	h	4.1	ug/Kg	06/23/04	ljc
		21	U	h	21	ug/Kg	06/23/04	ljc

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 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Customer Sample ID: TP-6

Date Sampled.....: 06/07/2004

Time Sampled.....: 12:45

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-15

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	18.9			0.10	%	06/10/04	ae
EPA 160.3	% Solids	81.1			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	20	U		20	ug/Kg	06/22/04	ljc
	Aroclor 1221*	20	U		20	ug/Kg	06/22/04	ljc
	Aroclor 1232*	20	U		20	ug/Kg	06/22/04	ljc
	Aroclor 1242*	20	U	J	20	ug/Kg	06/22/04	ljc
	Aroclor 1248*	20	U		20	ug/Kg	06/22/04	ljc
	Aroclor 1254*	40	U		40	ug/Kg	06/22/04	ljc
	Aroclor 1260*	40	U		40	ug/Kg	06/22/04	ljc

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Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-9
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-16
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	18.1			0.10	%	06/10/04	ae
EPA 160.3	% Solids	81.9			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.0	U		2.0	ug/Kg	06/25/04	ljc
	beta-BHC*	2.0	U		2.0	ug/Kg	06/25/04	ljc
	delta-BHC*	2.0	U		2.0	ug/Kg	06/25/04	ljc
	gamma-BHC (Lindane)*	2.0	U		2.0	ug/Kg	06/25/04	ljc
	Heptachlor*	2.3	U	P J	2.0	ug/Kg	06/25/04	ljc
	Aldrin*	2.0	U		2.0	ug/Kg	06/25/04	ljc
	Heptachlor epoxide*	3.8	U	P J	2.0	ug/Kg	06/25/04	ljc
	Endosulfan I*	4.1	U		4.1	ug/Kg	06/25/04	ljc
	Dieldrin*	4.1	U		4.1	ug/Kg	06/25/04	ljc
	4,4'-DDE*	4.1	U		4.1	ug/Kg	06/25/04	ljc
	Endrin*	4.1	U		4.1	ug/Kg	06/25/04	ljc
	Endosulfan II*	4.1	U		4.1	ug/Kg	06/25/04	ljc
	4,4'-DDD*	4.1	U		4.1	ug/Kg	06/25/04	ljc
	Endosulfan sulfate*	4.1	U		4.1	ug/Kg	06/25/04	ljc
	4,4'-DDT*	4.1	U		4.1	ug/Kg	06/25/04	ljc
	Methoxychlor*	4.1	U		4.1	ug/Kg	06/25/04	ljc
	Toxaphene*	20	U		20	ug/Kg	06/25/04	ljc
	Endrin aldehyde*	41	U		41	ug/Kg	06/25/04	ljc
	Technical Chlordane*	4.1	U		4.1	ug/Kg	06/25/04	ljc
		20	U		20	ug/Kg	06/25/04	ljc

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STL Newburgh
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 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-9

Date Sampled.....: 06/07/2004

Time Sampled.....: 13:45

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-16

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	18.1			0.10	%	06/10/04	ae
EPA 160.3	% Solids	81.9			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	20	U		20	ug/Kg	06/22/04	ljc
	Aroclor 1221*	20	U		20	ug/Kg	06/22/04	ljc
	Aroclor 1232*	20	U		20	ug/Kg	06/22/04	ljc
	Aroclor 1242*	20	U	J	20	ug/Kg	06/22/04	ljc
	Aroclor 1248*	20	U		20	ug/Kg	06/22/04	ljc
	Aroclor 1254*	85	U		40	ug/Kg	06/22/04	ljc
	Aroclor 1260*	36	J	J	40	ug/Kg	06/22/04	ljc

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-11
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-17
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	22.4			0.10	%	06/10/04	ae
EPA 160.3	% Solids	77.6			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.1	U		2.1	ug/Kg	06/23/04	ljc
	beta-BHC*	2.1	U		2.1	ug/Kg	06/23/04	ljc
	delta-BHC*	2.1	U		2.1	ug/Kg	06/23/04	ljc
	gamma-BHC (Lindane)*	2.1	U		2.1	ug/Kg	06/23/04	ljc
	Heptachlor*	2.1	U		2.1	ug/Kg	06/23/04	ljc
	Aldrin*	2.1	U		2.1	ug/Kg	06/23/04	ljc
	Heptachlor epoxide*	2.1	U		2.1	ug/Kg	06/23/04	ljc
	Endosulfan I*	4.3	U		4.3	ug/Kg	06/23/04	ljc
	Dieldrin*	4.3	U		4.3	ug/Kg	06/23/04	ljc
	4,4'-DDE*	17	U	P J	4.3	ug/Kg	06/23/04	ljc
	Endrin*	4.3	U		4.3	ug/Kg	06/23/04	ljc
	Endosulfan II*	4.3	U		4.3	ug/Kg	06/23/04	ljc
	4,4'-DDD*	4.3	U		4.3	ug/Kg	06/23/04	ljc
	Endosulfan sulfate*	4.3	U		4.3	ug/Kg	06/23/04	ljc
	4,4'-DDT*	4.3	U		4.3	ug/Kg	06/23/04	ljc
	Methoxychlor*	21	U		21	ug/Kg	06/23/04	ljc
	Toxaphene*	43	U		43	ug/Kg	06/23/04	ljc
	Endrin aldehyde*	4.3	U		4.3	ug/Kg	06/23/04	ljc
	Technical Chlordane*	21	U		21	ug/Kg	06/23/04	ljc

n Description = Dry Wgt.

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STL Newburgh
 315 Fullerton Avenue
 Newburgh, NY 12550
 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Customer Sample ID: TP-11
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-17
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	22.4			0.10	%	06/10/04	ae
EPA 160.3	% Solids	77.6			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1221*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1232*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1242*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1248*	21	U		21	ug/Kg	06/22/04	ljc
	Aroclor 1254*	42	U		42	ug/Kg	06/22/04	ljc
	Aroclor 1260*	42	U		42	ug/Kg	06/22/04	ljc

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 Newburgh, NY 12550
 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-10

Date Sampled.....: 06/07/2004

Time Sampled.....: 16:00

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-18

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	18.4			0.10	%	06/10/04	ae
EPA 160.3	% Solids	81.6			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.0	U		2.0	ug/Kg	06/23/04	ljc
	beta-BHC*	2.0	U		2.0	ug/Kg	06/23/04	ljc
	delta-BHC*	2.0	U		2.0	ug/Kg	06/23/04	ljc
	gamma-BHC (Lindane)*	2.0	U		2.0	ug/Kg	06/23/04	ljc
	Heptachlor*	2.0	U		2.0	ug/Kg	06/23/04	ljc
	Aldrin*	2.0	U		2.0	ug/Kg	06/23/04	ljc
	Heptachlor epoxide*	2.0	U		2.0	ug/Kg	06/23/04	ljc
	Endosulfan I*	4.1	U		2.0	ug/Kg	06/23/04	ljc
	Dieldrin*	4.1	U		4.1	ug/Kg	06/23/04	ljc
	4,4'-DDE*	4.1	U		4.1	ug/Kg	06/23/04	ljc
	Endrin*	4.1	U		4.1	ug/Kg	06/23/04	ljc
	Endosulfan II*	4.1	U		4.1	ug/Kg	06/23/04	ljc
	4,4'-DDD*	4.1	U		4.1	ug/Kg	06/23/04	ljc
	Endosulfan sulfate*	4.1	U		4.1	ug/Kg	06/23/04	ljc
	4,4'-DDT*	4.1	U		4.1	ug/Kg	06/23/04	ljc
	Methoxychlor*	4.1	U		4.1	ug/Kg	06/23/04	ljc
	Toxaphene*	20	U		20	ug/Kg	06/23/04	ljc
	Endrin aldehyde*	41	U		41	ug/Kg	06/23/04	ljc
	Technical Chlordane*	4.1	U		4.1	ug/Kg	06/23/04	ljc
		20	U		20	ug/Kg	06/23/04	ljc

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Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-10
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 16:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-18
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	18.4			0.10	%	06/10/04	ae
EPA 160.3	% Solids	81.6			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	20			20	ug/Kg	06/22/04	ljc
	Aroclor 1221*	20			20	ug/Kg	06/22/04	ljc
	Aroclor 1232*	20			20	ug/Kg	06/22/04	ljc
	Aroclor 1242*	20			20	ug/Kg	06/22/04	ljc
	Aroclor 1248*	20			20	ug/Kg	06/22/04	ljc
	Aroclor 1254*	41			41	ug/Kg	06/22/04	ljc
	Aroclor 1260*	150			41	ug/Kg	06/22/04	ljc

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Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-10A
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 16:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-19
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	19.0			0.10	%	06/10/04	ae
EPA 160.3	% Solids	81.0			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.0	U	PJ	2.0	ug/Kg	06/25/04	ljc
	beta-BHC*	2.0	UU		2.0	ug/Kg	06/25/04	ljc
	delta-BHC*	2.0	UU		2.0	ug/Kg	06/25/04	ljc
	gamma-BHC (Lindane)*	10	UU		2.0	ug/Kg	06/25/04	ljc
	Heptachlor*	2.0	U		2.0	ug/Kg	06/25/04	ljc
	Aldrin*	2.0	UU		2.0	ug/Kg	06/25/04	ljc
	Heptachlor epoxide*	2.0	UU		2.0	ug/Kg	06/25/04	ljc
	Endosulfan I*	2.0	UU		2.0	ug/Kg	06/25/04	ljc
	Dieldrin*	4.1	UU		4.1	ug/Kg	06/25/04	ljc
	4,4'-DDE*	4.1	UU		4.1	ug/Kg	06/25/04	ljc
	Endrin*	4.1	UU		4.1	ug/Kg	06/25/04	ljc
	Endosulfan II*	4.1	UU		4.1	ug/Kg	06/25/04	ljc
	4,4'-DDD*	4.1	UU		4.1	ug/Kg	06/25/04	ljc
	Endosulfan sulfate*	4.1	UU		4.1	ug/Kg	06/25/04	ljc
	4,4'-DDT*	4.1	UU		4.1	ug/Kg	06/25/04	ljc
	Methoxychlor*	4.1	UU		4.1	ug/Kg	06/25/04	ljc
	Toxaphene*	21	UU		21	ug/Kg	06/25/04	ljc
	Endrin aldehyde*	41	UU		41	ug/Kg	06/25/04	ljc
	Technical Chlordane*	4.1	UU		4.1	ug/Kg	06/25/04	ljc
		21	U		21	ug/Kg	06/25/04	ljc

n Description = Dry Wgt.

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STL Newburgh
 315 Fullerton Avenue
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 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-10A
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 16:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-19
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	19.0			0.10	%	06/10/04	ae
EPA 160.3	% Solids	81.0			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	20	U		20	ug/Kg	06/22/04	ljc
	Aroclor 1221*	20	U		20	ug/Kg	06/22/04	ljc
	Aroclor 1232*	20	U		20	ug/Kg	06/22/04	ljc
	Aroclor 1242*	20	U	J	20	ug/Kg	06/22/04	ljc
	Aroclor 1248*	20	U		20	ug/Kg	06/22/04	ljc
	Aroclor 1254*	40	U		40	ug/Kg	06/22/04	ljc
	Aroclor 1260*	330	U	EJ	40	ug/Kg	06/22/04	ljc

n Description = Dry Wgt.

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 Tel (845) 562-0890
 Fax (845) 562-0841

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-10A
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 16:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-19
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	200	U		200	ug/Kg	06/25/04	aml
	Aroclor 1221*	200	U		200	ug/Kg	06/25/04	aml
	Aroclor 1232*	200	U		200	ug/Kg	06/25/04	aml
	Aroclor 1242*	200	U	J	200	ug/Kg	06/25/04	aml
	Aroclor 1248*	200	U		200	ug/Kg	06/25/04	aml
	Aroclor 1254*	400	U		400	ug/Kg	06/25/04	aml
	Aroclor 1260*	520	U	D J	400	ug/Kg	06/25/04	aml

n Description = Dry Wgt.

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Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Customer Sample ID: TP-3

Date Sampled.....: 06/07/2004

Time Sampled.....: 16:35

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-20

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	25.4			0.10	%	06/10/04	ae
EPA 160.3	% Solids	74.6			0.10	%	06/10/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.2	U		2.2	ug/Kg	06/23/04	l jc
	beta-BHC*	2.2	U		2.2	ug/Kg	06/23/04	l jc
	delta-BHC*	2.2	U		2.2	ug/Kg	06/23/04	l jc
	gamma-BHC (Lindane)*	13	U	PJ	2.2	ug/Kg	06/23/04	l jc
	Heptachlor*	2.2	U		2.2	ug/Kg	06/23/04	l jc
	Aldrin*	2.2	U		2.2	ug/Kg	06/23/04	l jc
	Heptachlor epoxide*	2.2	U		2.2	ug/Kg	06/23/04	l jc
	Endosulfan I*	2.2	U		2.2	ug/Kg	06/23/04	l jc
	Dieldrin*	4.5	U		4.5	ug/Kg	06/23/04	l jc
	4,4'-DDE*	4.5	U		4.5	ug/Kg	06/23/04	l jc
	Endrin*	4.5	U		4.5	ug/Kg	06/23/04	l jc
	Endosulfan II*	4.5	U		4.5	ug/Kg	06/23/04	l jc
	4,4'-DDD*	4.5	U		4.5	ug/Kg	06/23/04	l jc
	Endosulfan sulfate*	4.5	U		4.5	ug/Kg	06/23/04	l jc
	4,4'-DDT*	4.5	U		4.5	ug/Kg	06/23/04	l jc
	Methoxychlor*	4.5	U		4.5	ug/Kg	06/23/04	l jc
	Toxaphene*	22	U		22	ug/Kg	06/23/04	l jc
	Endrin aldehyde*	45	U		45	ug/Kg	06/23/04	l jc
	Technical Chlordane*	4.5	U		4.5	ug/Kg	06/23/04	l jc
		22	U		22	ug/Kg	06/23/04	l jc

1 Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
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Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-3

Date Sampled.....: 06/07/2004

Time Sampled.....: 16:35

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-20

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	25.4			0.10	%	06/10/04	ae
EPA 160.3	% Solids	74.6			0.10	%	06/10/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	22	U		22	ug/Kg	06/22/04	ljc
	Aroclor 1221*	22	U		22	ug/Kg	06/22/04	ljc
	Aroclor 1232*	22	U		22	ug/Kg	06/22/04	ljc
	Aroclor 1242*	22	U		22	ug/Kg	06/22/04	ljc
	Aroclor 1248*	22	U		22	ug/Kg	06/22/04	ljc
	Aroclor 1254*	530	U		44	ug/Kg	06/22/04	ljc
	Aroclor 1260*	130	U		44	ug/Kg	06/22/04	ljc

In Description = Dry Wgt.

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Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-3

Date Sampled.....: 06/07/2004

Time Sampled.....: 16:35

Sample Matrix.....: Soil

Laboratory Sample ID: 237118-20

Date Received.....: 06/09/2004

Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	220	U		220	ug/Kg	06/25/04	ljc
	Aroclor 1221*	220	U		220	ug/Kg	06/25/04	ljc
	Aroclor 1232*	220	U		220	ug/Kg	06/25/04	ljc
	Aroclor 1242*	220	U	J	220	ug/Kg	06/25/04	ljc
	Aroclor 1248*	220	U		220	ug/Kg	06/25/04	ljc
	Aroclor 1254*	540	U		220	ug/Kg	06/25/04	ljc
	Aroclor 1260*	180	J	D J D J	450 450	ug/Kg ug/Kg	06/25/04 06/25/04	ljc ljc

Description = Dry Wgt.

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Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-5
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 08:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-1
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.48	B		0.29	1.1	1	mg/Kg		06/17/04	mwh
SW846 7471A	Mercury (Hg)*	0.056	U		0.056	0.056	1	mg/Kg		06/15/04	Lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	3.8			0.65	2.4	1	mg/Kg		06/17/04	mwh
	Barium (Ba)*	58.5			0.096	47.8	1	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.47	B		0.096	1.2	1	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	0.096	U		0.096	1.2	1	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	24.4		*	0.17	2.4	1	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	2.7	B		0.76	12.0	1	mg/Kg		06/17/04	mwh
	Copper (Cu)*	30.0		NJ	0.79	6.0	1	mg/Kg		06/17/04	mwh
	Iron (Fe)*	17500		*	4.5	23.9	1	mg/Kg		06/17/04	mwh
	Lead (Pb)*	36.8		EJ	0.26	1.2	1	mg/Kg		06/18/04	mad
	Nickel (Ni)*	15.5			0.62	9.6	1	mg/Kg		06/17/04	mwh
	Silver (Ag)*	0.45	U	NJ	0.45	2.4	1	mg/Kg		06/17/04	mwh
	Vanadium (V)*	8.1	B		0.79	12.0	1	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	166		NR	0.45	4.8	1	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-4
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 08:45
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-2
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.37	U		0.37	1.4	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	0.084			0.069	0.069	1	mg/Kg		06/15/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	2.3	B		0.78	2.9	1	mg/Kg		06/17/04	mwh
	Barium (Ba)*	67.0			0.12	57.7	1	mg/Kg		06/18/04	mad
	Beryllium (Be)*	1.0	B		0.12	1.4	1	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	3.9			0.12	1.4	1	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	101		*	0.20	2.9	1	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	3.4	B		0.92	14.4	1	mg/Kg		06/17/04	mwh
	Copper (Cu)*	215		N J	0.95	7.2	1	mg/Kg		06/17/04	mwh
	Iron (Fe)*	30500		* J	5.4	28.8	1	mg/Kg		06/17/04	mwh
	Lead (Pb)*	80.8		E J	0.32	1.4	1	mg/Kg		06/18/04	mad
	Nickel (Ni)*	28.2			0.75	11.5	1	mg/Kg		06/17/04	mwh
	Silver (Ag)*	0.55	U	N J	0.55	2.9	1	mg/Kg		06/17/04	mwh
	Vanadium (V)*	14.4			0.95	14.4	1	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	469		N R	0.55	5.8	1	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-19
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 09:20
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-3
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.43	B		0.32	1.2	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	0.11			0.063	0.063	1	mg/Kg		06/15/04	lms
SW846 60108	Metals Analysis (ICAP)										
	Arsenic (As)*	8.2			0.70	2.6	1	mg/Kg		06/17/04	mwh
	Barium (Ba)*	57.5			0.10	51.5	1	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.47	B		0.10	1.3	1	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	19.0			0.10	1.3	1	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	57.5		*	0.18	2.6	1	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	5.0	B		0.82	12.9	1	mg/Kg		06/17/04	mwh
	Copper (Cu)*	1980		N J	0.85	6.4	1	mg/Kg		06/17/04	mwh
	Iron (Fe)*	23900		*	4.9	25.8	1	mg/Kg		06/17/04	mwh
	Lead (Pb)*	151		E J	0.28	1.3	1	mg/Kg		06/18/04	mad
	Nickel (Ni)*	19.7			0.67	10.3	1	mg/Kg		06/17/04	mwh
	Silver (Ag)*	0.49	U	N J	0.49	2.6	1	mg/Kg		06/17/04	mwh
	Vanadium (V)*	18.0			0.85	12.9	1	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	526		N R	0.49	5.2	1	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-12
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 09:45
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-4
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	1.0	B		0.32	1.2	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	0.24			0.062	0.062	1	mg/Kg		06/15/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	7.8			0.72	2.7	1	mg/Kg		06/17/04	mwh
	Barium (Ba)*	88.1			0.11	53.3	1	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.32	B		0.11	1.3	1	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	8.2			0.11	1.3	1	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	34.4		*	0.19	2.7	1	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	3.9	B		0.85	13.3	1	mg/Kg		06/17/04	mwh
	Copper (Cu)*	255		N J	0.88	6.7	1	mg/Kg		06/17/04	mwh
	Iron (Fe)*	27400		* J	5.0	26.7	1	mg/Kg		06/17/04	mwh
	Lead (Pb)*	76.8		E J	0.29	1.3	1	mg/Kg		06/18/04	mad
	Nickel (Ni)*	20.5			0.69	10.7	1	mg/Kg		06/17/04	mwh
	Silver (Ag)*	0.51	U	N J	0.51	2.7	1	mg/Kg		06/17/04	mwh
	Vanadium (V)*	11.3	B		0.88	13.3	1	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	278		N R	0.51	5.3	1	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-17
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 10:30
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-5
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	1.7	B		0.50	1.9	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	1.1			0.099	0.099	1	mg/Kg		06/15/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	8.8			1.0	3.7	1	mg/Kg		06/17/04	mwh
	Barium (Ba)*	166			0.15	74.9	1	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.64	B		0.15	1.9	1	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	46.8			0.15	1.9	1	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	34.8		*	0.26	3.7	1	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	6.9	B		1.2	18.7	1	mg/Kg		06/17/04	mwh
	Copper (Cu)*	113		NJ	1.2	9.4	1	mg/Kg		06/17/04	mwh
	Iron (Fe)*	26100		*	7.1	37.4	1	mg/Kg		06/17/04	mwh
	Lead (Pb)*	43.0		EJ	0.41	1.9	1	mg/Kg		06/18/04	mad
	Nickel (Ni)*	29.5			0.97	15.0	1	mg/Kg		06/17/04	mwh
	Silver (Ag)*	0.71	U	NJ	0.71	3.7	1	mg/Kg		06/17/04	mwh
	Vanadium (V)*	20.1			1.2	18.7	1	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	920		NR	0.71	7.5	1	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-18
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 11:10
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-6
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.73	B		0.57	2.2	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	0.46			0.11	0.11	1	mg/Kg		06/15/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	8.6			1.2	4.4	1	mg/Kg		06/17/04	mwh
	Barium (Ba)*	183			0.17	87.1	1	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.17	U		0.17	2.2	1	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	5.1			0.17	2.2	1	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	53.2		*	0.30	4.4	1	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	4.9	B		1.4	21.8	1	mg/Kg		06/17/04	mwh
	Copper (Cu)*	173		NJ	1.4	10.9	1	mg/Kg		06/17/04	mwh
	Iron (Fe)*	35300		*NJ	8.2	43.6	1	mg/Kg		06/17/04	mwh
	Lead (Pb)*	379		EJ	0.48	2.2	1	mg/Kg		06/18/04	mad
	Nickel (Ni)*	19.5			1.1	17.4	1	mg/Kg		06/17/04	mwh
	Silver (Ag)*	0.83	U	NJ	0.83	4.4	1	mg/Kg		06/17/04	mwh
	Vanadium (V)*	11.3	B		1.4	21.8	1	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	631		NR	0.83	8.7	1	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date:06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-16
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 12:45
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-7
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.48	B		0.32	1.2	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	0.063	U		0.063	0.063	1	mg/Kg		06/15/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	6.4			0.69	2.5	1	mg/Kg		06/17/04	mwh
	Barium (Ba)*	42.7	B		0.10	50.8	1	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.57	B		0.10	1.3	1	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	0.10	U		0.10	1.3	1	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	24.4		*	0.18	2.5	1	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	4.1	B		0.81	12.7	1	mg/Kg		06/17/04	mwh
	Copper (Cu)*	44.5		N J	0.84	6.3	1	mg/Kg		06/17/04	mwh
	Iron (Fe)*	23200		* J	4.8	25.4	1	mg/Kg		06/17/04	mwh
	Lead (Pb)*	45.8		E J	0.28	1.3	1	mg/Kg		06/18/04	mad
	Nickel (Ni)*	26.2			0.66	10.2	1	mg/Kg		06/17/04	mwh
	Silver (Ag)*	0.48	U	N J	0.48	2.5	1	mg/Kg		06/17/04	mwh
	Vanadium (V)*	9.9	B		0.84	12.7	1	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	41.5		N R	0.48	5.1	1	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-13
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-8
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	2.2			0.52	2.0	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	0.44			0.094	0.094	1	mg/Kg		06/15/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	9.6			1.1	4.0	1	mg/Kg		06/17/04	mwh
	Barium (Ba)*	189			0.16	79.3	1	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.30	B		0.16	2.0	1	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	9.5			0.16	2.0	1	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	28.3		*	0.28	4.0	1	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	7.3	B		1.3	19.8	1	mg/Kg		06/17/04	mwh
	Copper (Cu)*	61.9		NJ	1.3	9.9	1	mg/Kg		06/17/04	mwh
	Iron (Fe)*	34400		*	7.5	39.7	1	mg/Kg		06/17/04	mwh
	Lead (Pb)*	44.3		EJ	0.44	2.0	1	mg/Kg		06/18/04	mad
	Nickel (Ni)*	18.9			1.0	15.9	1	mg/Kg		06/17/04	mwh
	Silver (Ag)*	0.75	U	NJ	0.75	4.0	1	mg/Kg		06/17/04	mwh
	Vanadium (V)*	17.9	B		1.3	19.8	1	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	271		NR	0.75	7.9	1	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-14
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 14:15
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-9
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	2.0			0.39	1.5	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	0.44			0.073	0.073	1	mg/Kg		06/15/04	Lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	15.2			1.7	6.3	2.000	mg/Kg		06/17/04	mwh
	Barium (Ba)*	160			0.25	126	2.000	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.28	B		0.25	3.1	2.000	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	70.2			0.25	3.1	2.000	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	119		*	0.44	6.3	2.000	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	12.4	B		2.0	31.4	2.000	mg/Kg		06/17/04	mwh
	Copper (Cu)*	109		N J	2.1	15.7	2.000	mg/Kg		06/17/04	mwh
	Iron (Fe)*	95800		*	11.9	62.9	2.000	mg/Kg		06/17/04	mwh
	Lead (Pb)*	234		E J	0.69	3.1	2.000	mg/Kg		06/17/04	mad
	Nickel (Ni)*	36.4			1.6	25.2	2.000	mg/Kg		06/18/04	mwh
	Silver (Ag)*	1.2	U	N J	1.2	6.3	2.000	mg/Kg		06/17/04	mwh
	Vanadium (V)*	15.1	B		2.1	31.4	2.000	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	1320		N R	1.2	12.6	2.000	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-15
 Date Sampled.....: 06/08/2004
 Time Sampled.....: 14:55
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-10
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.49	U		0.49	1.9	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	0.26			0.093	0.093	1	mg/Kg		06/15/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	11.4			1.1	3.9	1	mg/Kg		06/17/04	mwh
	Barium (Ba)*	118			0.16	78.0	1	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.22	B		0.16	1.9	1	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	1.1	B		0.16	1.9	1	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	32.7		*	0.27	3.9	1	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	10.9	B		1.2	19.5	1	mg/Kg		06/17/04	mwh
	Copper (Cu)*	86.4		NJ	1.3	9.7	1	mg/Kg		06/17/04	mwh
	Iron (Fe)*	55800		*	7.4	39.0	1	mg/Kg		06/17/04	mwh
	Lead (Pb)*	214		EJ	0.43	1.9	1	mg/Kg		06/18/04	mad
	Nickel (Ni)*	34.1			1.0	15.6	1	mg/Kg		06/17/04	mwh
	Silver (Ag)*	0.74	U	NJ	0.74	3.9	1	mg/Kg		06/17/04	mwh
	Vanadium (V)*	6.5	B		1.3	19.5	1	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	368		NR	0.74	7.8	1	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-2
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 09:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-11
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	1.3			0.33	1.3	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	0.037			0.0066	0.0066	1	mg/Kg		06/15/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	18.9			0.67	2.5	1	mg/Kg		06/17/04	mwh
	Barium (Ba)*	50.5			0.099	49.4	1	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.45	B		0.099	1.2	1	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	4.0			0.099	1.2	1	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	11.8		*	0.17	2.5	1	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	5.0	B		0.79	12.4	1	mg/Kg		06/17/04	mwh
	Copper (Cu)*	109		NJ	0.82	6.2	1	mg/Kg		06/17/04	mwh
	Iron (Fe)*	16900		*	4.7	24.7	1	mg/Kg		06/17/04	mwh
	Lead (Pb)*	36.3		EJ	0.27	1.2	1	mg/Kg		06/18/04	mad
	Nickel (Ni)*	15.8			0.64	9.9	1	mg/Kg		06/17/04	mwh
	Silver (Ag)*	0.47	U	NJ	0.47	2.5	1	mg/Kg		06/17/04	mwh
	Vanadium (V)*	13.4			0.82	12.4	1	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	320		NR	0.47	4.9	1	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-1
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 09:52
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-12
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.81	B		0.32	1.2	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	0.064	U		0.064	0.064	1	mg/Kg		06/15/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	6.7			0.71	2.6	1	mg/Kg		06/17/04	mwh
	Barium (Ba)*	62.5			0.10	52.4	1	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.30	B		0.10	1.3	1	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	1.7			0.10	1.3	1	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	7.5		*	0.18	2.6	1	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	2.6	B		0.84	13.1	1	mg/Kg		06/17/04	mwh
	Copper (Cu)*	519		N J	0.86	6.5	1	mg/Kg		06/17/04	mwh
	Iron (Fe)*	11000		* J	5.0	26.2	1	mg/Kg		06/17/04	mwh
	Lead (Pb)*	36.7		E J	0.29	1.3	1	mg/Kg		06/17/04	mwh
	Nickel (Ni)*	8.0	B		0.68	10.5	1	mg/Kg		06/18/04	mad
	Silver (Ag)*	0.50	U	N J	0.50	2.6	1	mg/Kg		06/17/04	mwh
	Vanadium (V)*	7.6	B		0.86	13.1	1	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	282		N R	0.50	5.2	1	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-8
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 10:30
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-13
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.52	B		0.36	1.4	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	0.068	U		0.068	0.068	1	mg/Kg		06/15/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	21.6			1.5	5.5	2.000	mg/Kg		06/17/04	mwh
	Barium (Ba)*	128			0.22	110	2.000	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.66	B		0.22	2.7	2.000	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	1200			0.22	2.7	2.000	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	91.3		*	0.38	5.5	2.000	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	11.1	B		1.8	27.4	2.000	mg/Kg		06/17/04	mwh
	Copper (Cu)*	1720		N J	1.8	13.7	2.000	mg/Kg		06/17/04	mwh
	Iron (Fe)*	86100		* J	10.4	54.9	2.000	mg/Kg		06/17/04	mwh
	Lead (Pb)*	335		E J	0.60	2.7	2.000	mg/Kg		06/18/04	mad
	Nickel (Ni)*	64.5			1.4	21.9	2.000	mg/Kg		06/17/04	mwh
	Silver (Ag)*	1.0	U	N J	1.0	5.5	2.000	mg/Kg		06/17/04	mwh
	Vanadium (V)*	27.1	B		1.8	27.4	2.000	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	2280		N R	1.0	11.0	2.000	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-7
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 11:15
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-14
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.37	B		0.30	1.1	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	0.055	U		0.055	0.055	1	mg/Kg		06/15/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	6.7			0.62	2.3	1	mg/Kg		06/17/04	mwh
	Barium (Ba)*	68.5			0.092	45.8	1	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.50	B		0.092	1.1	1	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	0.092	U		0.092	1.1	1	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	41.2		*	0.16	2.3	1	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	5.2	B		0.73	11.5	1	mg/Kg		06/17/04	mwh
	Copper (Cu)*	39.7		N J	0.76	5.7	1	mg/Kg		06/17/04	mwh
	Iron (Fe)*	50500		* J	4.3	22.9	1	mg/Kg		06/17/04	mwh
	Lead (Pb)*	52.6		E J	0.25	1.1	1	mg/Kg		06/18/04	mad
	Nickel (Ni)*	28.6			0.60	9.2	1	mg/Kg		06/17/04	mwh
	Silver (Ag)*	0.44	U	N J	0.44	2.3	1	mg/Kg		06/17/04	mwh
	Vanadium (V)*	5.9	B		0.76	11.5	1	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	86.3		N R	0.44	4.6	1	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-6
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 12:45
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-15
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.33	U		0.33	1.3	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	0.056	U		0.056	0.056	1	mg/Kg		06/15/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	5.0			0.68	2.5	1	mg/Kg		06/17/04	mwh
	Barium (Ba)*	58.1			0.10	50.3	1	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.33	B		0.10	1.3	1	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	1.0	B		0.10	1.3	1	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	17.0		*	0.18	2.5	1	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	5.5	B		0.81	12.6	1	mg/Kg		06/17/04	mwh
	Copper (Cu)*	50.0		N J	0.83	6.3	1	mg/Kg		06/17/04	mwh
	Iron (Fe)*	14100		*	4.8	25.2	1	mg/Kg		06/17/04	mwh
	Lead (Pb)*	50.3		E J	0.28	1.3	1	mg/Kg		06/18/04	mad
	Nickel (Ni)*	15.0			0.65	10.1	1	mg/Kg		06/17/04	mwh
	Silver (Ag)*	0.48	U	N J	0.48	2.5	1	mg/Kg		06/17/04	mwh
	Vanadium (V)*	9.7	B		0.83	12.6	1	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	90.6		N R	0.48	5.0	1	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-9
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-16
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.39	B		0.32	1.2	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	0.058	U		0.058	0.058	1	mg/Kg		06/15/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	1.7	B		0.67	2.5	1	mg/Kg		06/17/04	mwh
	Barium (Ba)*	97.4			0.10	49.9	1	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.80	B		0.10	1.2	1	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	3.5			0.10	1.2	1	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	13.7		*	0.17	2.5	1	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	1.9	B		0.80	12.5	1	mg/Kg		06/17/04	mwh
	Copper (Cu)*	12.3		N J	0.82	6.2	1	mg/Kg		06/17/04	mwh
	Iron (Fe)*	6840		*	4.7	24.9	1	mg/Kg		06/17/04	mwh
	Lead (Pb)*	68.4		E J	0.27	1.2	1	mg/Kg		06/18/04	mad
	Nickel (Ni)*	4.0	B		0.65	10	1	mg/Kg		06/17/04	mwh
	Silver (Ag)*	0.62	B	N J	0.47	2.5	1	mg/Kg		06/17/04	mwh
	Vanadium (V)*	4.8	B		0.82	12.5	1	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	147		N R	0.47	5.0	1	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-11
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-17
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.33	U		0.33	1.3	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	0.059	U		0.059	0.059	1	mg/Kg		06/15/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	3.5			0.70	2.6	1	mg/Kg		06/17/04	mwh
	Barium (Ba)*	27.9	B		0.10	51.6	1	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.29	B		0.10	1.3	1	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	0.10	U		0.10	1.3	1	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	9.7		*	0.18	2.6	1	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	1.8	B		0.83	12.9	1	mg/Kg		06/17/04	mwh
	Copper (Cu)*	46.7		N J	0.85	6.4	1	mg/Kg		06/17/04	mwh
	Iron (Fe)*	11800		* J	4.9	25.8	1	mg/Kg		06/17/04	mwh
	Lead (Pb)*	45.2		E J	0.28	1.3	1	mg/Kg		06/18/04	mad
	Nickel (Ni)*	11.8			0.67	10.3	1	mg/Kg		06/17/04	mwh
	Silver (Ag)*	0.49	U	N J	0.49	2.6	1	mg/Kg		06/17/04	mwh
	Vanadium (V)*	4.4	B		0.85	12.9	1	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	149		N R	0.49	5.2	1	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-10
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 16:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-18
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.32	U		0.32	1.2	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	0.058	U		0.058	0.058	1	mg/Kg		06/15/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	3.8			0.65	2.4	1	mg/Kg		06/17/04	mwh
	Barium (Ba)*	37.5	B		0.096	48.0	1	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.43	B		0.096	1.2	1	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	0.11	B		0.096	1.2	1	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	21.1		*	0.17	2.4	1	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	2.0	B		0.77	12.0	1	mg/Kg		06/17/04	mwh
	Copper (Cu)*	33.1		N J	0.79	6.0	1	mg/Kg		06/17/04	mwh
	Iron (Fe)*	14400		*	4.5	24.0	1	mg/Kg		06/17/04	mwh
	Lead (Pb)*	61.8		E J	0.26	1.2	1	mg/Kg		06/18/04	mad
	Nickel (Ni)*	12.3			0.62	9.6	1	mg/Kg		06/17/04	mwh
	Silver (Ag)*	0.46	U	N J	0.46	2.4	1	mg/Kg		06/17/04	mwh
	Vanadium (V)*	6.3	B		0.79	12.0	1	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	178		N R	0.46	4.8	1	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-10A
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 16:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-19
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.48	B		0.29	1.1	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	0.062	U		0.062	0.062	1	mg/Kg		06/15/04	lms
SW846 60108	Metals Analysis (ICAP)										
	Arsenic (As)*	3.5			0.64	2.4	1	mg/Kg		06/17/04	mwh
	Barium (Ba)*	36.5	B		0.095	47.5	1	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.45	B		0.095	1.2	1	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	0.45	B		0.095	1.2	1	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	13.1		*	0.17	2.4	1	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	1.9	B		0.76	11.9	1	mg/Kg		06/17/04	mwh
	Copper (Cu)*	49.1		N J	0.78	5.9	1	mg/Kg		06/17/04	mwh
	Iron (Fe)*	9750		*	4.5	23.7	1	mg/Kg		06/17/04	mwh
	Lead (Pb)*	142		E J	0.26	1.2	1	mg/Kg		06/18/04	mad
	Nickel (Ni)*	7.5	B		0.62	9.5	1	mg/Kg		06/17/04	mwh
	Silver (Ag)*	0.45	U	N J	0.45	2.4	1	mg/Kg		06/17/04	mwh
	Vanadium (V)*	4.8	B		0.78	11.9	1	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	215		N R	0.45	4.7	1	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/28/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-3
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 16:35
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-20
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.33	U	W	0.33	1.3	1	mg/Kg		06/18/04	mwh
SW846 7471A	Mercury (Hg)*	0.11			0.064	0.064	1	mg/Kg		06/15/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	8.0			0.68	2.5	1	mg/Kg		06/17/04	mwh
	Barium (Ba)*	68.8			0.10	50.6	1	mg/Kg		06/18/04	mad
	Beryllium (Be)*	0.25	B		0.10	1.3	1	mg/Kg		06/17/04	mwh
	Cadmium (Cd)*	26.7			0.10	1.3	1	mg/Kg		06/17/04	mwh
	Chromium (Cr)*	30.9		*	0.18	2.5	1	mg/Kg		06/17/04	mwh
	Cobalt (Co)*	3.9	B		0.81	12.7	1	mg/Kg		06/17/04	mwh
	Copper (Cu)*	316		N J	0.84	6.3	1	mg/Kg		06/17/04	mwh
	Iron (Fe)*	22600		* J	4.8	25.3	1	mg/Kg		06/17/04	mwh
	Lead (Pb)*	88.3		E J	0.28	1.3	1	mg/Kg		06/18/04	mad
	Nickel (Ni)*	17.1			0.66	10.1	1	mg/Kg		06/17/04	mwh
	Silver (Ag)*	0.48	U	N J	0.48	2.5	1	mg/Kg		06/17/04	mwh
	Vanadium (V)*	12.1	B		0.84	12.7	1	mg/Kg		06/17/04	mwh
	Zinc (Zn)*	646		N R	0.48	5.1	1	mg/Kg		06/17/04	mwh

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: 0310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-5
Date Sampled.....: 06/08/2004
Time Sampled.....: 08:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-1
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	19.5			0.10	%	06/10/04	ae
EPA 160.3	% Solids	80.5			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	1.2	U		1.2	mg/Kg	06/18/04	bg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: 0310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-4
Date Sampled.....: 06/08/2004
Time Sampled.....: 08:45
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-2
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	27.7			0.10	%	06/10/04	ae
EPA 160.3	% Solids	72.3			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	1.4	U		1.4	mg/Kg	06/18/04	bg

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LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: 0310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-19
Date Sampled.....: 06/08/2004
Time Sampled.....: 09:20
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-3
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	20.8			0.10	%	06/10/04	ae
EPA 160.3	% Solids	79.2			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	107			12.6	mg/Kg	06/18/04	bg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: 0310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-12
Date Sampled.....: 06/08/2004
Time Sampled.....: 09:45
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-4
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	23.4			0.10	%	06/10/04	ae
EPA 160.3	% Solids	76.6			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	1.3		U	1.3	mg/Kg	06/18/04	bg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: 0310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-17
Date Sampled.....: 06/08/2004
Time Sampled.....: 10:30
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-5
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	49.6			0.10	%	06/10/04	ae
EPA 160.3	% Solids	50.4			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	2.0	U		2.0	mg/Kg	06/18/04	bg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: D310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-18
Date Sampled.....: 06/08/2004
Time Sampled.....: 11:10
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-6
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	54.1			0.10	%	06/10/04	ae
EPA 160.3	% Solids	45.9			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	2.2	U	J	2.2	mg/Kg	06/18/04	bg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: 0310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-16
Date Sampled.....: 06/08/2004
Time Sampled.....: 12:45
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-7
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	21.2			0.10	%	06/10/04	ae
EPA 160.3	% Solids	78.8			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	1.3	U		1.3	mg/Kg	06/18/04	bg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: Integreyted International, LLC

PROJECT: 0310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-13
Date Sampled.....: 06/08/2004
Time Sampled.....: 13:45
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-8
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	49.6			0.10	%	06/10/04	ae
EPA 160.3	% Solids	50.4			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	2.0	U		2.0	mg/Kg	06/18/04	bg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: Integreyted International, LLC

PROJECT: 0310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-14
Date Sampled.....: 06/08/2004
Time Sampled.....: 14:15
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-9
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	35.1			0.10	%	06/10/04	ae
EPA 160.3	% Solids	64.9			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	1.5		U	1.5	mg/Kg	06/18/04	bg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: 0310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-15
Date Sampled.....: 06/08/2004
Time Sampled.....: 14:55
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-10
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	48.7			0.10	%	06/10/04	ae
EPA 160.3	% Solids	51.3			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	1.9	U	NJ	1.9	mg/Kg	06/21/04	bg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: D310D25P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-2
Date Sampled.....: 06/07/2004
Time Sampled.....: 09:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-11
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	23.7			0.10	%	06/10/04	ae
EPA 160.3	% Solids	76.3			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	1.3	U		1.3	mg/Kg	06/18/04	bg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: 0310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-1
Date Sampled.....: 06/07/2004
Time Sampled.....: 09:52
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-12
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	25.2			0.10	%	06/10/04	ae
EPA 160.3	% Solids	74.8			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	1.4	U	NJ	1.4	mg/Kg	06/21/04	bg

* In Description = Dry Wgt.

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CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: 0310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-8
Date Sampled.....: 06/07/2004
Time Sampled.....: 10:30
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-13
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	29.9			0.10	%	06/10/04	ae
EPA 160.3	% Solids	70.1			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	1.4	U	NJ	1.4	mg/Kg	06/21/04	bg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: 0310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-7
Date Sampled.....: 06/07/2004
Time Sampled.....: 11:15
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-14
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	12.7			0.10	%	06/10/04	ae
EPA 160.3	% Solids	87.3			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	1.1	U	N 3	1.1	mg/Kg	06/21/04	bg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: 0310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-6
Date Sampled.....: 06/07/2004
Time Sampled.....: 12:45
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-15
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	18.9			0.10	%	06/10/04	ae
EPA 160.3	% Solids	81.1			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	1.2	U	NJ	1.2	mg/Kg	06/21/04	bg

* In Description = Dry Wgt.

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Job Number: 237118

LABORATORY TEST RESULTS

Date: 06/25/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: 0310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-9
 Date Sampled.....: 06/07/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Soil

Laboratory Sample ID: 237118-16
 Date Received.....: 06/09/2004
 Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	18.1			0.10	%	06/10/04	ae
EPA 160.3	% Solids	81.9			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	1.2	U	NJ	1.2	mg/Kg	06/21/04	bg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: 0310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-11
Date Sampled.....: 06/07/2004
Time Sampled.....: 14:50
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-17
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	22.4			0.10	%	06/10/04	ae
EPA 160.3	% Solids	77.6			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	1.2	U	N J	1.2	mg/Kg	06/21/04	bg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: 0310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-10
Date Sampled.....: 06/07/2004
Time Sampled.....: 16:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-18
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	18.4			0.10	%	06/10/04	ae
EPA 160.3	% Solids	81.6			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	1.3	U	N J	1.3	mg/Kg	06/21/04	bg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: 0310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-10A
Date Sampled.....: 06/07/2004
Time Sampled.....: 16:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-19
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	19.0			0.10	%	06/10/04	ae
EPA 160.3	% Solids	81.0			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	1.3	U		1.3	mg/Kg	06/18/04	bg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237118

Date: 06/25/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: 0310025P COOPER

ATTN: Mark Schumacher

Customer Sample ID: TP-3
Date Sampled.....: 06/07/2004
Time Sampled.....: 16:35
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-20
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	25.4			0.10	%	06/10/04	ae
EPA 160.3	% Solids	74.6			0.10	%	06/10/04	ae
SW846 9010B	Cyanide, Total*	1.4	U	N J	1.4	mg/Kg	06/21/04	bg

* In Description = Dry Wgt.

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SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 (BFB) #	TOT OUT
01	VBLK086	104	108	101	0
02	TP-5	101	118	121	0
03	TP-4	97	116	98	0
04	TP-19	97	135	120	0
05	VBLK087	95	103	96	0
06	TP-15	96	143	80	0
07	TP-2	102	131	77	0
08	TP-7	103	120	79	0
09	TP-6	100	122	96	0
10	TP-9	96	115	102	0
11	VBLK088	94	107	96	0
12	TP-10A	95	123	94	0
13	TP-3	97	126	89	0
14	TP-12	94	138	91	0
15	TP-17	84	129	104	0
16	TP-18	90	114	83	0
17	TP-13	94	128	97	0
18	TP-14	93	123	87	0
19	TP-15RE	93	130	73	0
20	TP-1	94	120	81	0
21	TP-8	97	126	82	0
22	TP-7RE	99	124	87	0
23	TP-6RE	102	124	87	0
24	TP-9DL	95	110	93	0
25	VBSPK20	91	104	102	0
26	TP-5MS	91	132	108	0
27	TP-5MSD	94	120	112	0
28	VBLK088A	90	110	94	0
29	TP-5DL	94	106	100	0
30	TP-16	94	130	98	0
31	TP-11	85	143	106	0

QC LIMITS

SMC1 (DCE) = 1,2-Dichloroethane-d4 (80-136)
 SMC2 (TOL) = Toluene-d8 (72-143)
 SMC3 (BFB) = Bromofluorobenzene (49-138)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 (BFB) #	TOT OUT
32	TP-10	90	134	87	0
33	VBLK089	98	107	104	0
34	TP-8RE	98	141	91	0

QC LIMITS

SMC1 (DCE)	=	1,2-Dichloroethane-d4	(80-136)
SMC2 (TOL)	=	Toluene-d8	(72-143)
SMC3 (BFB)	=	Bromofluorobenzene	(49-138)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Level: (low/med) MED

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 (BFB) #	TOT OUT
01	VBLKM21	93	93	94	0
02	TP-4DL	95	95	92	0

QC LIMITS

SMC1 (DCE)	=	1,2-Dichloroethane-d4	(80-136)
SMC2 (TOL)	=	Toluene-d8	(72-143)
SMC3 (BFB)	=	Bromofluorobenzene	(49-138)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (2FP) #	S2 (PHL) #	S3 (2CP) #	S4 (DCB) #	S5 (NBZ) #	S6 (FBP) #	S7 (TBP) #	S8 (TPH) #	TOT OUT
01	SBLK20	67	67	65	52	61	70	64	60	0
02	SBSPK20	47	49	48	38	41	53	56	53	0
03	TP-15	7	6*	7	3*	5*	3*	3*	1*	6
04	TP-18	25	25	24	20	22	27	26	25	0
05	TP-10	12	12	12	5*	9	7*	9*	4*	4
06	TP-7	25	24	25	18	21	27	24	22	0
07	TP-16	26	27	28	22	25	29	29	23	0
*08	TP-5	36	37	35	26	27	48	41	55	0
09	TP-2	25	24	24	18	20	25	26	24	0
*10	TP-13	24	24	24	20	21	24	27	29	0
*11	TP-10A	31	32	31	16	22	30	28	29	0
*12	TP-9	35	35	34	24	30	38	38	45	0
*13	TP-8	23	27	25	15	21	31	31	46	0
*14	TP-19	16	17	18	13	15	17	19	25	0
*15	TP-11	42	42	42	30	34	51	31	61	0
*16	TP-12	41	41	42	31	31	48	41	72	0
*17	TP-6	54	55	54	37	47	61	45	105	0
*18	TP-14	34	32	33	25	26	31	35	59	0
*19	TP-1	25	27	27	22	26	47	19	54	0
20	TP-11DL	46 D	48 D	47 D	34 D	38 D	52 D	45 D	51 D	0
*21	TP-12DL	42 D	44 D	44 D	34 D	32 D	50 D	48 D	55 D	0
*22	TP-1DL	26 D	27 D	28 D	23 D	24 D	44 D	18 D	38 D	0
*23	TP-4	29	32	30	21	26	36	44	95	0
*24	TP-3	18	18	19	13	13	22	20	33	0
*25	TP-17	31	31	32	25	28	33	35	54	0
26	TP-4DL	D	D	D	D	D	D	38 D	54 D	0
27	TP-9DL	31	35	35	25	30	39	39	46	0
28	TP-5MS	43	44	44	33	31	48	42	62	0
29	TP-5MSD	47	47	47	36	31	50	43	66	0
*30	TP-5RE	34	36	35	27	26	44	41	68	0
*31	TP-10ARE	29	31	30	16	22	28	28	36	0

QC LIMITS

S1 (2FP) = 2-Fluorophenol (7-96)
 S2 (PHL) = Phenol-d5 (7-96)
 S3 (2CP) = 2-Chlorophenol-d4 (4-102)
 S4 (DCB) = 1,2-Dichlorobenzene-d4 (6-66)
 S5 (NBZ) = Nitrobenzene-d5 (6-73)
 S6 (FBP) = 2-Fluorobiphenyl (10-85)
 S7 (TBP) = 2,4,6-Tribromophenol (15-113)
 S8 (TPH) = Terphenyl-d14 (15-137)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D Surrogate diluted out

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2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (2FP) #	S2 (PHL) #	S3 (2CP) #	S4 (DCB) #	S5 (NBZ) #	S6 (FBP) #	S7 (TBP) #	S8 (TPH) #	TOT OUT
*32	TP-8RE	23	26	24	15	21	29	31	55	0
*33	TP-19RE	17	17	17	13	14	17	17	27	0
*34	TP-14RE	35	34	35	26	28	33	33	57	0
*35	TP-6DL	59 D	60 D	58 D	39 D	50 D	69 D	53 D	90 D	0
*36	TP-17RE	32	32	33	25	29	37	35	60	0
*37	TP-3RE	19	20	20	13	14	24	19	35	0
38	SBLK24	*	*	*	*	*	*	*	*	8
39	SBSPK24	34	40	35	27	30	40	63	56	0
*40	TP-10RR	41	52	45	24	43	65	39	78	0
*41	TP-15RR	44	48	45	26	38	51	83	112	0

QC LIMITS

S1 (2FP)	=	2-Fluorophenol	(7-96)
S2 (PHL)	=	Phenol-d5	(7-96)
S3 (2CP)	=	2-Chlorophenol-d4	(4-102)
S4 (DCB)	=	1,2-Dichlorobenzene-d4	(6-66)
S5 (NBZ)	=	Nitrobenzene-d5	(6-73)
S6 (FBP)	=	2-Fluorobiphenyl	(10-85)
S7 (TBP)	=	2,4,6-Tribromophenol	(15-113)
S8 (TPH)	=	Terphenyl-d14	(15-137)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

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SOLID PESTICIDE SURROGATE RECOVERY

Lab Name: STL Newburgh

Contract:

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

GC Column (1): Rtx-CLPest ID : 0.32 (mm)

GC Column (2): Rtx-CLPest2 ID : 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
1	PBLK16	83	89	90	104			
2	PBSPK16	89	91	88	95			0
3	TP-5MS	128 *	164 *	111	67			0
4	TP-5MSD	0 *	0 *	0 *	0 *			2
5	TP-19	76	82	141 *	117			4
6	TP-12	22 *	29 *	52	36			1
7	TP-17	73	79	160 *	144 *			2
8	TP-15	39	46	53	43			2
9	TP-1	144 *	214 *	115	178 *			0
10	TP-8	89	104	148 *	104			3
11	TP-6	70	31 *	45	44			1
12	TP-11	142 *	112	574 *	293 *			1
13	TP-10	43	40	39	72			3
14	TP-3	59	80	49	58			0
15	TP-5	107	135 *	91	67			0
16	TP-4	131 *	126 *	1385 *	986 *			1
17	TP-18	84	87	117	321 *			4
18	TP-16	62	63	86	98			1
19	TP-13	48	43	59	97			0
20	TP-14	79	67	102	126 *			0
21	TP-2	73	72	190 *	121			1
22	TP-7	90	97	125	119			1
23	TP-9	89	104	79	76			0
24	TP-10A	83	74	74	72			0
25								0
26								
27								
28								
29								
30								
31								

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

ADVISORY
QC LIMITS
(32-121)
(30-125)

Column used to flag recovery values
* Values outside of QC limits.
D Surrogates Diluted out.

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SOLID PESTICIDE SURROGATE RECOVERY

Lab Name: STL Newburgh

Contract:

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

GC Column (1): DB-5 ID: 0.32 (mm)

GC Column (2): DB-1701P ID: 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
1	PBLK16	60	62	69	68			
2	PBSPK16	0 *	0 *	69	67			0
3	TP-5	74	162 *	102	88			2
4	TP-5MS	77	115	94	93			1
5	TP-5MSD	23 *	38	35	31			0
6	TP-4	172 *	132 *	2588 *	938 *			1
7	TP-19	41	48	385 *	71			4
8	TP-12	69	71	216 *	99			1
9	TP-17	47	71	191 *	94			1
10	TP-18	176 *	260 *	226 *	235 *			1
11	TP-16	45	82	60	52			4
12	TP-13	46	76	75	66			0
13	TP-14	59	76	138 *	83			0
14	TP-15	29 *	87	49	38			1
15	TP-2	54	84	175 *	81			1
16	TP-1	65	113	142 *	69			1
17	TP-8	54	123 *	229 *	76			1
18	TP-7	63	85	81	68			0
19	TP-6	59	61	115	40			0
20	TP-9	61	70	65	49			0
21	TP-11	54	90	593 *	82			1
22	TP-10	38	51	41	34			1
23	TP-10A	49	86	53	51			0
24	TP-3	58	81	128 *	58			1
25	TP-4DL	355 *	234 *	430 *	632 *			4
26	TP-19DL	63	137 *	300 *	101			1
27	TP-12DL	95	88	228 *	115			1
28	TP-17DL	64	69	206 *	133 *			2
29	TP-18DL	264 *	359 *	308 *	409 *			4
30	TP-13DL	61	57	86	90			0

ADVISORY
QC LIMITS
(32-121)
(30-125)

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

Column used to flag recovery values
* Values outside of QC limits.
D Surrogates Diluted out.



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Lab Name: STL Newburgh

Contract:

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

GC Column (1): DB-5 ID: 0.32 (mm)

GC Column (2): DB-1701P ID: 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
1	TP-14DL	81	194 *	161 *	173 *			
2	TP-15DL	39	95	45	70			3
3	TP-1DL	114	88	130 *	118			0
4	TP-8DL	62	91	194 *	127 *			1
5	TP-3DL	84	64	136 *	118			2
6	TP-5DL	127 *	148 *	120	127 *			1
7	TP-10ADL	76	115	61	70			3
8								0
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

ADVISORY
QC LIMITS
(32-121)
(30-125)

Column used to flag recovery values
* Values outside of QC limits.
D Surrogates Diluted out.

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841



3BS
SOIL VOLATILE BLANK SPIKE RECOVERY

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Matrix Spike - EPA Sample No. VBSPK20 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	BS CONCENTRATION (ug/Kg)	BS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	41	82	69 - 119
Trichloroethene	50	59	118	64 - 136
Benzene	50	50	100	74 - 124
Toluene	50	47	94	76 - 124
Chlorobenzene	50	49	98	68 - 114

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS: _____

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SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix Spike - EPA Sample No. TP-5 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	310	0	290	94	69 - 119
Trichloroethene	310	0	330	106	64 - 136
Benzene	310	0	430	139 *	74 - 124
Toluene	310	80	450	119	76 - 124
Chlorobenzene	310	0	360	116 *	68 - 114

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
1,1-Dichloroethene	310	280	90	4	22	69 - 119
Trichloroethene	310	350	113	6	24	64 - 136
Benzene	310	420	135 *	3	21	74 - 124
Toluene	310	420	110	8	21	76 - 124
Chlorobenzene	310	340	110	5	21	68 - 114

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 3 out of 10 outside limits

COMMENTS: _____

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3BS
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix Spike - EPA Sample No. S BSPK20 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	BS CONCENTRATION (ug/Kg)	BS % REC #	QC LIMITS REC.
Phenol	830	420	51	26 - 90
2-Chlorophenol	830	420	51	25 - 102
1,4-Dichlorobenzene	830	370	45	28 - 104
N-Nitroso-di-n-propylamine	830	410	49	41 - 126
1,2,4-Trichlorobenzene	830	410	49	38 - 107
4-Chloro-3-methylphenol	830	450	54	26 - 103
Acenaphthene	830	500	60	31 - 137
2,4-Dinitrotoluene	830	470	57	28 - 89
4-Nitrophenol	830	250	30	11 - 114
Pentachlorophenol	830	290	35	17 - 109
Pyrene	830	480	58	35 - 142

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 11 outside limits

COMMENTS: _____

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3BS
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix Spike - EPA Sample No. S BSPK24 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	BS CONCENTRATION (ug/Kg)	BS % REC #	QC LIMITS REC.
Phenol	830	300	36	26 - 90
2-Chlorophenol	830	280	34	25 - 102
1,4-Dichlorobenzene	830	230	28 *	28 - 104
N-Nitroso-di-n-propylamine	830	280	34 *	41 - 126
1,2,4-Trichlorobenzene	830	270	33 *	38 - 107
4-Chloro-3-methylphenol	830	380	46	26 - 103
Acenaphthene	830	390	47	31 - 137
2,4-Dinitrotoluene	830	490	59	28 - 89
4-Nitrophenol	830	380	46	11 - 114
Pentachlorophenol	830	310	37	17 - 109
Pyrene	830	490	59	35 - 142

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 3 out of 11 outside limits

COMMENTS: _____

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SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh Contract: _____Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118Matrix Spike - EPA Sample No. TP-5 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
Phenol	3000	990	2200	40	26 - 90
2-Chlorophenol	3000	0	1100	37	25 - 102
1,4-Dichlorobenzene	2000	120	730	31	28 - 104
N-Nitroso-di-n-propylamine	2000	0	830	42	41 - 126
1,2,4-Trichlorobenzene	2000	160	890	37 *	38 - 107
4-Chloro-3-methylphenol	3000	0	1300	43	26 - 103
Acenaphthene	2000	200	990	40	31 - 137
2,4-Dinitrotoluene	2000	0	540	27 *	28 - 89
4-Nitrophenol	3000	0	1700	57	11 - 114
Pentachlorophenol	3000	0	710	24	17 - 109
Pyrene	2000	550	1700	60	35 - 142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Phenol	3100	2400	45	12	35	26 - 90
2-Chlorophenol	3100	1200	39	5	50	25 - 102
1,4-Dichlorobenzene	2100	770	31	0	27	28 - 104
N-Nitroso-di-n-propylamine	2100	850	40 *	5	38	41 - 126
1,2,4-Trichlorobenzene	2100	920	36 *	3	23	38 - 107
4-Chloro-3-methylphenol	3100	1400	45	5	33	26 - 103
Acenaphthene	2100	1000	38	5	19	31 - 137
2,4-Dinitrotoluene	2100	460	22 *	20	47	28 - 89
4-Nitrophenol	3100	2000	65	13	50	11 - 114
Pentachlorophenol	3100	710	23	4	47	17 - 109
Pyrene	2100	1900	67	11	36	35 - 142

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 11 outside limits

Spike Recovery: 5 out of 22 outside limits

COMMENTS: _____

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3F
SOIL PESTICIDE MATRIX BLANK SPIKE RECOVERY

Lab Name: STL Newburgh

Contract :

Lab Code: 10142 Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.:

PBSPK16

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MSB CONCENTRATION (ug/kg)	MSB % REC #	QC LIMITS REC.
gamma-BHC(Lindane)	6.7	0.0	5.3	79	64-114
Heptachlor	6.7	0.0	4.6	68	54-118
Aldrin	6.7	0.0	5.6	84	50-112
Dieldrin	6.7	0.0	5.6	83	50-152
Endrin	6.7	0.0	5.8	87	64-138
4,4'-DDT	6.7	0.0	6.1	92	69-129

6/28/09



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3F

SOIL PCB MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh

Contract:

Lab Code: 10142 Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.:

PBSPK16

COMPOUND	SPIKE ADDED (ug/kg)	MSB CONCENTRATION (ug/kg)	MS % RECOVERY	QC LIMITS
Aroclor 1242	66.7	11.30	17 *	43-93

FORM III PEST

3/90

3F
SOIL PESTICIDE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh

Contract :

Lab Code: 10142 Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No. :

TP-5

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	#	QC LIMITS REC.
gamma-BHC(Lindane)	10.3	0.0	16.8	163	*	64-114
Heptachlor	10.3	0.0	8.1	78		54-118
Aldrin	10.3	0.0	12.5	121	*	50-112
Dieldrin	20.7	0.0	30.3	146		50-152
Endrin	20.7	0.0	39.0	189	*	64-138
4,4'-DDT	20.7	0.0	85.7	415	*	69-129

COMPOUND	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC	#	% RPD	#	QC LIMITS RPD	REC.
gamma-BHC(Lindane)	10.1	12.1	118	*	32		50	64-114
Heptachlor	10.1	5.9	57		31	*	31	54-118
Aldrin	10.1	9.7	94		25		43	50-112
Dieldrin	20.3	21.9	106		32		38	50-152
Endrin	20.3	27.3	132		36		45	64-138
4,4'-DDT	20.3	45.4	220	*	61	*	50	69-129

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 2 out of 6 outside limits

Spike Recovery: 6 out of 12 outside limits

FORM III PEST

3/90



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3F

SOIL PCB MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh

Contract:

Lab Code: 10142 Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.:

TP-5

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC
Aroclor 1242	82.5	0.0	88.50	107 *

COMPOUND	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % RECOVERY	QC LIMITS
Aroclor 1242	82.8	38.00	46	43-93

FORM III PEST

3/90

6
 DUPLICATES

TP-5D

Contract : _____

SAS No. :

SDG No. :

Level (low/med) : LOW

% Solids for Duplicate: 80.46

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

[illegible]

ILM04.0

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6
 DUPLICATES

EPA SAMPLE NO.

TP-5D

Lab Name: STL Newburgh

Contract: _____

Lab Code: 10142 Case No.: _____

SAS No. :

SDG No. :

Matrix (soil/water): SOIL

Level (low/med) : LOW

% Solids for Sample: 80.46

% Solids for Duplicate: 80.46

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

[illegible]

FORM VI - IN

ILM04.0

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6
DUPLICATES

Lab Name: STL NEWBURGH
Lab Code: 10142
Matrix (Soil/Water): SOIL
% Solids for Sample: 81.1
Client ID: TP-5

Contract:
SDG NO.: 237118
Level (Low/Med): LOW
%Solids for Duplicate:

Concentration Units (ug/l or mg/kg dry weight) : mg/kg

ANALYTE	CONTROL LIMIT	SAMPLE (S)	C	DUPLICATE (D)	C	RPD	Q	M
Aluminum								P
Antimony								P
Arsenic								P
Barium								P
Beryllium								P
Cadmium								P
Calcium								P
Chromium								P
Cobalt								P
Copper								P
Iron								P
Lead								P
Magnesium								P
Manganese								P
Mercury								CV
Nickel								P
Potassium								P
Selenium								F
Silver								P
Sodium								P
Thallium								P
Vanadium								P
Zinc								P
Cyanide		1.2400	U	1.2400	U	0.0		C

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6
DUPLICATES

Lab Name: STL NEWBURGH

Lab Code: 10142

Matrix (Soil/Water): SOIL

% Solids for Sample: 81.1

Client ID: TP-6

Contract:

SDG NO.: 237118

Level (Low/Med): LOW

%Solids for Duplicate:

Concentration Units (ug/l or mg/kg dry weight) : mg/kg

ANALYTE	CONTROL LIMIT	SAMPLE (S)	C	DUPLICATE (D)	C	RPD	Q	M
Aluminum								P
Antimony								P
Arsenic								P
Barium								P
Beryllium								P
Cadmium								P
Calcium								P
Chromium								P
Cobalt								P
Copper								P
Iron								P
Lead								P
Magnesium								P
Manganese								P
Mercury								CV
Nickel								P
Potassium								P
Selenium								F
Silver								P
Sodium								P
Thallium								P
Vanadium								P
Zinc								P
Cyanide		1.2000	U	1.2000	U	0.0		C

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EPA SAMPLE NO.

TP-5S

Lab Name: STL Newburgh

Contract:

Lab Code: 10142 Case No.:

SAS No. :

SDG No. :

Matrix (soil/water): SOIL

Level (low/med): LOW

% Solids for Sample: 80.46

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

[illegible]

Comments :

5A
SPIKE SAMPLE RECOVERY

TP-5S

Contract: _____

SAS No. :

SDG No. : _____

Level (low/med) : LOW

% Solids for Sample: 80.46

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

Comments:

5A
SPIKE SAMPLE RECOVERY

TP-5S

Contract:

SAS No. :

SDG No. : _____

Level (low/med): LOW

% Solids for Sample: 80.46

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

Comments:

5A
SPIKE SAMPLE RECOVERY

Lab Name: STL NEWBURGH
Lab Code: 10142
Matrix (Soil/Water): soil
% Solids for Sample: 80.5
Client ID: TP-5

Contract:
SDG:No.: 237118
Level (Low/Med): LOW

Concentration Units (ug/l or mg/kg dry weight) : MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	C	M
Aluminum									P
Antimony									P
Arsenic									P
Barium									P
Beryllium									P
Cadmium									P
Calcium									P
Chromium									P
Cobalt									P
Copper									P
Iron									P
Lead									P
Magnesium									P
Manganese									P
Mercury									CV
Nickel									P
Potassium									P
Selenium									F
Silver									P
Sodium									P
Thallium									P
Vanadium									P
Zinc									P
Cyanide		12.1700		1.2400	U	12.44	97.8		C

Comments:

FORM V (PART 1) - IN

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5A
SPIKE SAMPLE RECOVERY

Lab Name: STL NEWBURGH
Lab Code: 10142
Matrix (Soil/Water): soil
% Solids for Sample: 81.1
Client ID: TP-6

Contract:
SDG:No.: 237118
Level (Low/Med): LOW

Concentration Units (ug/l or mg/kg dry weight) : MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	C	M
Aluminum									P
Antimony									P
Arsenic									P
Barium									P
Beryllium									P
Cadmium									P
Calcium									P
Chromium									P
Cobalt									P
Copper									P
Iron									P
Lead									P
Magnesium									P
Manganese									P
Mercury									CV
Nickel									P
Potassium									P
Selenium									F
Silver									P
Sodium									P
Thallium									P
Vanadium									P
Zinc									P
Cyanide		7.6400		1.2300	U	12.33	61.9	N	C

Comments:

FORM V (PART 1) - IN

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NJDEP 73015

CTDOHS PH-0554

EPA NY049

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5B
POST SPIKE SAMPLE RECOVERY

TP-5

Matrix (soil/water): Soil Level (low/med): LOW

Concentration Units:ug/L

Comments:

VOLATILE METHOD BLANK SUMMARY

VBLK086

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Lab File ID: X7892.D Lab Sample ID: VBLK086
Date Analyzed: 6/18/2004 Time Analyzed: 19:20
GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y
Instrument ID: MS#3

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	TP-5	237118-001	X7893.D	20:16
02	TP-4	237118-002	X7894.D	20:50
03	TP-19	237118-003	X7895.D	21:24

COMMENTS

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VLK086

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: VLK086

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7892.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 6/18/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 1 VOA

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK086

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: VBLK086

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7892.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 6/18/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
---------	---------------	----	------------	---

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FORM 1 VOA-TIC

3/90

NYSDOH 10142

NJDEP 73016

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4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK087

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Lab File ID: X7897.D Lab Sample ID: VBLK087
Date Analyzed: 6/19/2004 Time Analyzed: 21:18
GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y
Instrument ID: MS#3

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	TP-15	237118-010	X7903.D	0:55
02	TP-2	237118-011	X7904.D	1:29
03	TP-7	237118-014	X7907.D	3:10
04	TP-6	237118-015	X7910.D	4:52
05	TP-9	237118-016	X7912.D	6:00

COMMENTS

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK087

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: VBLK087
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7897.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 6/19/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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FORM I VOA

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

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PA 68-378

M-NY049

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK087

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Matrix: (soil/water) SOIL Lab Sample ID: VBLK087
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7897.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. 0 Date Analyzed: 6/19/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBK088

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Lab File ID: X7915.D Lab Sample ID: VBK088
 Date Analyzed: 6/20/2004 Time Analyzed: 19:52
 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y
 Instrument ID: MS#3

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	TP-10A	237118-019	X7916.D	20:47
02	TP-3	237118-020	X7917.D	21:21
03	TP-12	237118-004	X7918.D	21:57
04	TP-17	237118-005	X7919.D	22:32
05	TP-18	237118-006	X7920.D	23:06
06	TP-13	237118-008	X7922.D	0:15
07	TP-14	237118-009	X7923.D	0:49
08	TP-15RE	237118-010RE	X7924.D	1:24
09	TP-1	237118-012	X7925.D	1:58
10	TP-8	237118-013	X7926.D	2:31
11	TP-7RE	237118-014RE	X7927.D	3:06
12	TP-6RE	237118-015RE	X7928.D	3:40
13	TP-9DL	237118-016DL	X7929.D	4:14
14	VBSPK20	VBSPK20	X7930.D	4:48
15	TP-5MS	237118-001MS	X7931.D	5:22
16	TP-5MSD	237118-001MSD	X7932.D	5:56

COMMENTS

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBK088

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: VBK088
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7915.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 6/20/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK088

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Matrix: (soil/water) SOIL Lab Sample ID: VBLK088
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7915.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. 0 Date Analyzed: 6/20/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLK088A

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Lab File ID: X7915A.D Lab Sample ID: VBLK088A
Date Analyzed: 6/21/2004 Time Analyzed: 15:17
GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y
Instrument ID: MS#3

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	TP-5DL	237118-001DL	X7916A.D	16:11
02	TP-16	237118-007	X7917A.D	16:53
03	TP-11	237118-017	X7918A.D	17:49
04	TP-10	237118-018	X7919A.D	18:23

COMMENTS

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VLBK088A

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: VLBK088A

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7915A.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 6/21/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK088A

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Matrix: (soil/water) SOIL Lab Sample ID: VBLK088A
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7915A.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. 0 Date Analyzed: 6/21/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK089

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Lab File ID: X7931.D Lab Sample ID: VBLK089
Date Analyzed: 6/22/2004 Time Analyzed: 21:11
GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y
Instrument ID: MS#3

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01 TP-8RE	237118-013RE	X7935.D	23:35

COMMENTS

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBK089

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: VBK089
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7931.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 6/22/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
540-59-0	Total-1,2-Dichloroethene		U	10
1330-20-7	Xylenes, total		U	10

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBK089

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Matrix: (soil/water) SOIL Lab Sample ID: VBK089
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7931.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. 0 Date Analyzed: 6/22/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE METHOD BLANK SUMMARY

VBLKM21

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Lab File ID: W3583.D Lab Sample ID: VBLKM21
Date Analyzed: 6/21/2004 Time Analyzed: 15:16
GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N
Instrument ID: MSD2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01 TP-4DL	237118-002DL	W3587.D	17:49

COMMENTS

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VLK21

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: VLK21
 Sample wt/vol: 4.0 (g/ml) G Lab File ID: W3583.D
 Level: (low/med) MED Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 6/21/2004
 GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	1200
74-83-9	Bromomethane		U	1200
75-01-4	Vinyl Chloride		U	1200
75-00-3	Chloroethane		U	1200
75-09-2	Methylene Chloride		U	1200
67-64-1	Acetone		U	1200
75-15-0	Carbon Disulfide		U	1200
75-35-4	1,1-Dichloroethene		U	1200
75-34-4	1,1-Dichloroethane		U	1200
67-66-3	Chloroform		U	1200
107-06-2	1,2-Dichloroethane		U	1200
78-93-3	2-Butanone		U	1200
108-05-4	Vinyl Acetate		U	1200
71-55-6	1,1,1-Trichloroethane		U	1200
56-23-5	Carbon Tetrachloride		U	1200
75-27-4	Bromodichloromethane		U	1200
78-87-5	1,2-Dichloropropane		U	1200
10061-01-5	cis-1,3-Dichloropropene		U	1200
79-01-6	Trichloroethene		U	1200
71-43-2	Benzene		U	1200
124-48-1	Dibromochloromethane		U	1200
110-75-8	2-Chloroethylvinylether		U	1200
10061-02-6	trans-1,3-Dichloropropene		U	1200
79-00-5	1,1,2-Trichloroethane		U	1200
75-25-2	Bromoform		U	1200
108-10-1	4-Methyl-2-Pentanone		U	1200
591-78-6	2-Hexanone		U	1200
127-18-4	Tetrachloroethene		U	1200
79-34-5	1,1,2,2-Tetrachloroethane		U	1200
108-88-3	Toluene		U	1200
108-90-7	Chlorobenzene		U	1200
100-41-4	Ethylbenzene		U	1200
100-42-5	Styrene		U	1200
541-73-1	1,3-Dichlorobenzene		U	1200
106-46-7	1,4-Dichlorobenzene		U	1200
95-50-1	1,2-Dichlorobenzene		U	1200
1330-20-7	Xylenes, total		U	1200
540-59-0	Total-1,2-Dichloroethene		U	1200

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NYSDOH 10142

NJDEP 73015

FORM 1/VOA

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

3/00

STL Newburgh
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 Tel (845) 562-0890
 Fax (845) 562-0841

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKM21

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Matrix: (soil/water) SOIL Lab Sample ID: VBLKM21
Sample wt/vol: 4.0 (g/ml) G Lab File ID: W3583.D
Level: (low/med) MED Date Received: _____
% Moisture: not dec. 0 Date Analyzed: 6/21/2004
GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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NYSDOH 10142

NJDEP 73015

FORM I VOA TIC

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK20

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Lab File ID: E72144.D Lab Sample ID: SBLK20

Instrument ID: 5972-1 Date Extracted: 6/18/2004

Matrix: (soil/water) SOIL Date Analyzed: 6/22/2004

Level: (low/med) LOW Time Analyzed: 12:31

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBSPK20	SBSPK20	E72145.D	6/22/2004
02	TP-15	237118-010	E72146.D	6/22/2004
03	TP-18	237118-006	E72147.D	6/22/2004
04	TP-10	237118-018	E72148.D	6/22/2004
05	TP-7	237118-014	E72149.D	6/22/2004
06	TP-16	237118-007	E72150.D	6/22/2004
07	TP-5	237118-001	E72151.D	6/22/2004
08	TP-2	237118-011	E72152.D	6/22/2004
09	TP-13	237118-008	E72153.D	6/22/2004
10	TP-10A	237118-019	E72154.D	6/22/2004
11	TP-9	237118-016	E72155.D	6/22/2004
12	TP-8	237118-013	E72156.D	6/22/2004
13	TP-19	237118-003	E72157.D	6/22/2004
14	TP-11	237118-017	E72158.D	6/22/2004
15	TP-12	237118-004	E72159.D	6/22/2004
16	TP-6	237118-015	E72160.D	6/22/2004
17	TP-14	237118-009	E72161.D	6/22/2004
18	TP-1	237118-012	E72162.D	6/22/2004
19	TP-11DL	237118-017DL	E72163.D	6/23/2004
20	TP-12DL	237118-004DL	E72164.D	6/23/2004
21	TP-1DL	237118-012DL	E72165.D	6/23/2004
22	TP-4	237118-002	E72166.D	6/23/2004
23	TP-3	237118-020	E72167.D	6/23/2004
24	TP-17	237118-005	E72168.D	6/23/2004
25	TP-4DL	237118-002DL	E72179.D	6/23/2004
26	TP-9DL	237118-016DL	E72174.D	6/23/2004
27	TP-5MS	237118-015MS	E72169.D	6/23/2004
28	TP-5MSD	237118-015MSD	E72170.D	6/23/2004
29	TP-5RE	237118-001RE	E72171.D	6/23/2004
30	TP-10ARE	237118-019RE	E72173.D	6/23/2004
31	TP-8RE	237118-013RE	E72175.D	6/23/2004
32	TP-19RE	237118-003RE	E72176.D	6/23/2004
33	TP-14RE	237118-009RE	E72178.D	6/23/2004
34	TP-6DL	237118-015DL	E72196.D	6/24/2004

COMMENTS:

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK20

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: SBLK20

Sample wt/vol: 30.0 (g/ml) G Lab File ID: E72144.D

Level: (low/med) LOW Date Received: _____

% Moisture: 0 decanted:(Y/N) N Date Extracted: 6/18/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	330
108-95-2	Phenol		U	330
95-57-8	2-Chlorophenol		U	330
541-73-1	1,3-Dichlorobenzene		U	330
106-46-7	1,4-Dichlorobenzene		U	330
95-50-1	1,2-Dichlorobenzene		U	330
100-51-6	Benzyl alcohol		U	330
108-60-1	2,2'-oxybis(1-Chloropropane)		U	330
95-48-7	2-Methylphenol		U	330
67-72-1	Hexachloroethane		U	330
621-64-7	N-Nitroso-di-n-propylamine		U	330
106-44-5	4-Methylphenol		U	330
98-95-3	Nitrobenzene		U	330
78-59-1	Isophorone		U	330
88-75-5	2-Nitrophenol		U	330
105-67-9	2,4-Dimethylphenol		U	330
111-91-1	bis(2-Chloroethoxy)methane		U	330
120-83-2	2,4-Dichlorophenol		U	330
120-82-1	1,2,4-Trichlorobenzene		U	330
91-20-3	Naphthalene		U	330
106-47-8	4-Chloroaniline		U	330
87-68-3	Hexachlorobutadiene		U	330
59-50-7	4-Chloro-3-methylphenol		U	330
91-57-6	2-Methylnaphthalene		U	330
77-47-4	Hexachlorocyclopentadiene		U	330
88-06-2	2,4,6-Trichlorophenol		U	330
95-95-4	2,4,5-Trichlorophenol		U	830
91-58-7	2-Chloronaphthalene		U	330
88-74-4	2-Nitroaniline		U	830
208-96-8	Acenaphthylene		U	330
131-11-3	Dimethylphthalate		U	330
606-20-2	2,6-Dinitrotoluene		U	330
83-32-9	Acenaphthene		U	330
99-09-2	3-Nitroaniline		U	830
51-28-5	2,4-Dinitrophenol		U	830
132-64-9	Dibenzofuran		U	330
121-14-2	2,4-Dinitrotoluene		U	330

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**SEVERN
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NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

3/90

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK20

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: SBLK20
 Sample wt/vol: 30.0 (g/ml) G Lab File ID: E72144.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted: (Y/N) N Date Extracted: 6/18/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	830
86-73-7	Fluorene		U	330
7005-72-3	4-Chlorophenyl-phenylether		U	330
84-66-2	Diethylphthalate		U	330
100-01-6	4-Nitroaniline		U	830
534-52-1	4,6-Dinitro-2-methylphenol		U	830
86-30-6	n-Nitrosodiphenylamine (1)		U	330
101-55-3	4-Bromophenyl-phenylether		U	330
118-74-1	Hexachlorobenzene		U	330
87-86-5	Pentachlorophenol		U	830
85-01-8	Phenanthrene		U	330
120-12-7	Anthracene		U	330
84-74-2	Di-n-butylphthalate		U	330
206-44-0	Fluoranthene		U	330
129-00-0	Pyrene		U	330
85-68-7	Butylbenzylphthalate		U	330
91-94-1	3,3'-Dichlorobenzidine		U	330
56-55-3	Benzo(a)anthracene		U	330
218-01-9	Chrysene		U	330
117-81-7	bis(2-Ethylhexyl)phthalate		U	330
117-84-0	Di-n-octylphthalate		U	330
205-99-2	Benzo(b)fluoranthene		U	330
207-08-9	Benzo(k)fluoranthene		U	330
50-32-8	Benzo(a)pyrene		U	330
193-39-5	Indeno(1,2,3-cd)pyrene		U	330
62-75-9	n-Nitrosodimethylamine		U	330
53-70-3	Dibenz(a,h)anthracene		U	330
191-24-2	Benzo(g,h,i)perylene		U	330

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FORM I SV.2

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK20

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Matrix: (soil/water) SOIL Lab Sample ID: SBLK20
Sample wt/vol: 30.0 (g/ml) G Lab File ID: E72144.D
Level: (low/med) LOW Date Received: _____
% Moisture: 0 decanted: (Y/N) N Date Extracted: 6/18/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.38	25000	JN

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SEMIVOLATILE METHOD BLANK SUMMARY

SBLK20

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Lab File ID: E72144.D Lab Sample ID: SBLK20
Instrument ID: 5972-1 Date Extracted: 6/18/2004
Matrix: (soil/water) SOIL Date Analyzed: 6/22/2004
Level: (low/med) LOW Time Analyzed: 12:31

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
35	TP-17RE	237118-005RE	E72197.D	6/24/2004
36	TP-3RE	237118-020RE	E72198.D	6/24/2004

COMMENTS:

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK24

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: SBLK24
 Sample wt/vol: 30.0 (g/ml) G Lab File ID: E72211.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted:(Y/N) N Date Extracted: 6/24/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

111-44-4	bis(2-Chloroethyl)ether		U	330
108-95-2	Phenol		U	330
95-57-8	2-Chlorophenol		U	330
541-73-1	1,3-Dichlorobenzene		U	330
106-46-7	1,4-Dichlorobenzene		U	330
95-50-1	1,2-Dichlorobenzene		U	330
100-51-6	Benzyl alcohol		U	330
108-60-1	2,2'-oxybis(1-Chloropropane)		U	330
95-48-7	2-Methylphenol		U	330
67-72-1	Hexachloroethane		U	330
621-64-7	N-Nitroso-di-n-propylamine		U	330
106-44-5	4-Methylphenol		U	330
98-95-3	Nitrobenzene		U	330
78-59-1	Isophorone		U	330
88-75-5	2-Nitrophenol		U	330
105-67-9	2,4-Dimethylphenol		U	330
111-91-1	bis(2-Chloroethoxy)methane		U	330
120-83-2	2,4-Dichlorophenol		U	330
120-82-1	1,2,4-Trichlorobenzene		U	330
91-20-3	Naphthalene		U	330
106-47-8	4-Chloroaniline		U	330
87-68-3	Hexachlorobutadiene		U	330
59-50-7	4-Chloro-3-methylphenol		U	330
91-57-6	2-Methylnaphthalene		U	330
77-47-4	Hexachlorocyclopentadiene		U	330
88-06-2	2,4,6-Trichlorophenol		U	330
95-95-4	2,4,5-Trichlorophenol		U	830
91-58-7	2-Chloronaphthalene		U	330
88-74-4	2-Nitroaniline		U	830
208-96-8	Acenaphthylene		U	330
131-11-3	Dimethylphthalate		U	330
606-20-2	2,6-Dinitrotoluene		U	330
83-32-9	Acenaphthene		U	330
99-09-2	3-Nitroaniline		U	830
51-28-5	2,4-Dinitrophenol		U	830
132-64-9	Dibenzofuran		U	330
121-14-2	2,4-Dinitrotoluene		U	330

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

3/90

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Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK24

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Matrix: (soil/water) SOIL Lab Sample ID: SBLK24
 Sample wt/vol: 30.0 (g/ml) G Lab File ID: E72211.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted:(Y/N) N Date Extracted: 6/24/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

100-02-7	4-Nitrophenol		U	830
86-73-7	Fluorene		U	330
7005-72-3	4-Chlorophenyl-phenylether		U	330
84-66-2	Diethylphthalate		U	330
100-01-6	4-Nitroaniline		U	830
534-52-1	4,6-Dinitro-2-methylphenol		U	830
86-30-6	n-Nitrosodiphenylamine (1)		U	330
101-55-3	4-Bromophenyl-phenylether		U	330
118-74-1	Hexachlorobenzene		U	330
87-86-5	Pentachlorophenol		U	830
85-01-8	Phenanthrene		U	330
120-12-7	Anthracene		U	330
84-74-2	Di-n-butylphthalate		U	330
206-44-0	Fluoranthene		U	330
129-00-0	Pyrene		U	330
85-68-7	Butylbenzylphthalate		U	330
91-94-1	3,3'-Dichlorobenzidine		U	330
56-55-3	Benzo(a)anthracene		U	330
218-01-9	Chrysene		U	330
117-81-7	bis(2-Ethylhexyl)phthalate		U	330
117-84-0	Di-n-octylphthalate		U	330
205-99-2	Benzo(b)fluoranthene		U	330
207-08-9	Benzo(k)fluoranthene		U	330
50-32-8	Benzo(a)pyrene		U	330
193-39-5	Indeno(1,2,3-cd)pyrene		U	330
62-75-9	n-Nitrosodimethylamine		U	330
53-70-3	Dibenz(a,h)anthracene		U	330
191-24-2	Benzo(g,h,i)perylene		U	330

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NYSDOH 10142

NJDEP 73016

FORM 1 SV-2

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

3/00

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK24

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118

Matrix: (soil/water) SOIL Lab Sample ID: SBLK24

Sample wt/vol: 30.0 (g/ml) G Lab File ID: E72211.D

Level: (low/med) LOW Date Received: _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 6/24/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
------------	---------------	----	------------	---

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK24

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
Lab File ID: E72211.D Lab Sample ID: SBLK24
Instrument ID: 5972-1 Date Extracted: 6/24/2004
Matrix: (soil/water) SOIL Date Analyzed: 6/28/2004
Level: (low/med) LOW Time Analyzed: 10:57

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBSPK24	SBSPK24	E72212.D	6/28/2004
02	TP-13RR	237118-008RR	E72213.D	6/28/2004
03	TP-10RR	237118-018RR	E72214.D	6/28/2004
04	TP-15RR	237118-010RR	E72215.D	6/28/2004

COMMENTS:

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Client ID: PBLK16
 STL Lab No.: PBLK16
 Client Name: InteGreyted International, LLC
 Project Name: Cooper 0310025P
 % Solid: 100
 Matrix: soil
 Sample Wt/Vol.: 30 g
 Level: Low

Date Collected:
 Date Received:
 Date Extracted: 6/18/2004
 Date Analyzed: 6/22/2004
 Report Date: 6/28/2004
 Column: DB-5/DB-1701P
 Lab File ID: 2HP7948.D
 Dilution Factor: 1

CAS No.	Compound	Detection Limit ug/kg	Conc ug/kg
12674-11-2	Aroclor-1016		
11104-28-2	Aroclor-1221	17.0	U
11141-16-5	Aroclor-1232	17.0	U
53469-21-9	Aroclor-1242	17.0	U
12672-29-6	Aroclor-1248	17.0	U
11097-69-1	Aroclor-1254	17.0	U
11096-82-5	Aroclor-1260	33.0	U
		33.0	U

FORM I - PEST

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
 315 Fullerton Avenue
 Newburgh, NY 12550
 Tel (845) 562-0890
 Fax (845) 562-0841

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

Lab Name: STL Newburgh

Contract:

PBLK16

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

Lab Sample ID: PBLK16

Lab File ID: 2hp7948.D

Matrix : (soil/water) SOIL

Extraction: (SepF/Cont/Sonc) Sonc

Sulfur Cleanup: (Y/N) Y

Date Extracted : 6/18/04

Date Analyzed (1) : 6/22/04

Date Analyzed (2) : 6/22/04

Time Analyzed (1) : 3:20

Time Analyzed (2) : 3:20

Instrument ID (1) : 5890-2

Instrument ID (2) : 5890-2

GC Column (1): DB-5

ID: 0.32 (mm)

GC Column (2): DB-1701P

ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE NO.	DATE ANALYZED 1	DATE ANALYZED 2
1	PBSPK16	PBSPK16	6/22/04	6/22/04
2	TP-5	237118-01	6/22/04	6/22/04
3	TP-5MS	237118-01MS	6/22/04	6/22/04
4	TP-5MSD	237118-01MSD	6/22/04	6/22/04
5	TP-4	237118-02	6/22/04	6/22/04
6	TP-19	237118-03	6/22/04	6/22/04
7	TP-12	237118-04	6/22/04	6/22/04
8	TP-17	237118-05	6/22/04	6/22/04
9	TP-18	237118-06	6/22/04	6/22/04
10	TP-16	237118-07	6/22/04	6/22/04
11	TP-13	237118-08	6/22/04	6/22/04
12	TP-14	237118-09	6/22/04	6/22/04
13	TP-15	237118-10	6/22/04	6/22/04
14	TP-2	237118-11	6/22/04	6/22/04
15	TP-1	237118-12	6/22/04	6/22/04
16	TP-8	237118-13	6/22/04	6/22/04
17	TP-7	237118-14	6/22/04	6/22/04
18	TP-6	237118-15	6/22/04	6/22/04
19	TP-9	237118-16	6/22/04	6/22/04
20	TP-11	237118-17	6/22/04	6/22/04
21	TP-10	237118-18	6/22/04	6/22/04
22	TP-10A	237118-19	6/22/04	6/22/04
23	TP-3	237118-20	6/22/04	6/22/04
24	TP-4DL	237118-02 X10	6/23/04	6/23/04
25	TP-19DL	237118-03 X2	6/25/04	6/25/04
26	TP-12DL	237118-04 X2	6/25/04	6/25/04

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ERN
TRENT

NYSDOH 10142

NJDEP 73015

CTDEH 10142

PES EPA NY049

PA 68-378

M-NY049/90

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

PESTICIDE METHOD BLANK SUMMARY

LAB SAMPLE NO.

Lab Name: STL Newburgh

Contract:

PBLK16

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

Lab Sample ID : PBLK16

Lab File ID: 2hp7948.D

Matrix : (soil/water) SOIL

Extraction: (SepF/Cont/Sonc) Sonc

Sulfur Cleanup: (Y/N) Y

Date Extracted : 6/18/04

Date Analyzed (1) : 6/22/04

Date Analyzed (2) : 6/22/04

Time Analyzed (1) : 3:20

Time Analyzed (2) : 3:20

Instrument ID (1) : 5890-2

Instrument ID (2) : 5890-2

GC Column (1): DB-5

ID: 0.32 (mm)

GC Column (2): DB-1701P

ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

EPA SAMPLE NO.	LAB SAMPLE NO.	DATE ANALYZED 1	DATE ANALYZED 2
1 TP-17DL	237118-05 X2	6/25/04	6/25/04
2 TP-18DL	237118-06 X10	6/25/04	6/25/04
3 TP-13DL	237118-08 X2	6/25/04	6/25/04
4 TP-14DL	237118-09 X10	6/25/04	6/25/04
5 TP-15DL	237118-10 X10	6/25/04	6/25/04
6 TP-1DL	237118-12 X10	6/25/04	6/25/04
7 TP-8DL	237118-13 X10	6/25/04	6/25/04
8 TP-3DL	237118-20 X10	6/25/04	6/25/04
9 TP-5DL	237118-01 X20	6/25/04	6/25/04
10 TP-10ADL	237118-19 X10	6/25/04	6/25/04
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			

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NYSDOH 10142

NJDEP 73015

FORM 100-1

PEST EPA NY049

PA 68-378

M-NY0-8/90

STL Newburgh
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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841



Client ID: PBLK16
STL Lab No.: PBLK16
Client Name: InteGreyated International, LLC
Project Name: Cooper 0310025P
% Solid: 100
Matrix: soil
Sample Wt/Vol.: 30 g
Level: Low

Date Collected:
Date Received:
Date Extracted: 6/18/2004
Date Analyzed: 6/22/2004
Report Date: 6/28/2004
Column: Rtx-CLPest
Lab File ID: HP6832.D
Dilution Factor: 1

CAS No.	Compound	Detection Limit ug/kg	Conc ug/kg
319-84-6	alpha-BHC	1.70	U
319-85-7	beta-BHC	1.70	U
319-86-8	delta-BHC	1.70	U
58-89-9	gamma-BHC(Lindane)	1.70	U
76-44-8	Heptachlor	1.70	U
309-00-2	Aldrin	1.70	U
1024-57-3	Heptachlor Epoxide	1.70	U
959-98-8	Endosulfan I	3.3	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan Sulfate	3.3	U
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17.0	U
7421-36-3	Endrin Aldehyde	3.3	U
57-74-9	Technical Chlordane	17.0	U
8001-35-2	Toxaphene	33.0	U

FORM I - PEST

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
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Newburgh, NY 12550
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PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

Lab Name: STL Newburgh

Contract:

PBLK16

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

Lab Sample ID: PBLK16

Lab File ID: HP6447.d

Matrix : (soil/water) SOIL

Extraction: (SepF/Cont/Sonc) Sonc

Sulfur Cleanup: (Y/N) Y

Date Extracted : 6/18/04

Date Analyzed (1): 6/22/04

Date Analyzed (2): 6/22/04

Time Analyzed (1): 23:53

Time Analyzed (2): 23:53

Instrument ID (1): 5890-1

Instrument ID (2): 5890-1

GC Column (1): Rtx-CLPest

ID: 0.32 (mm)

GC Column (2): Rtx-CLPest2

ID: 0.32mm

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

EPA SAMPLE NO.	LAB SAMPLE NO.	DATE ANALYZED 1	DATE ANALYZED 2
1 PBSPK16	PBSPK16	6/23/04	6/23/04
2 TP-5	237118-01	6/25/04	6/25/04
3 TP-5MS	237118-01MS	6/23/04	6/23/04
4 TP-5MSD	237118-01MSD	6/23/04	6/23/04
5 TP-4	237118-02	6/25/04	6/25/04
6 TP-19	237118-03	6/23/04	6/23/04
7 TP-12	237118-04	6/23/04	6/23/04
8 TP-17	237118-05	6/23/04	6/23/04
9 TP-18	237118-06	6/25/04	6/25/04
10 TP-16	237118-07	6/25/04	6/25/04
11 TP-13	237118-08	6/25/04	6/25/04
12 TP-14	237118-09	6/25/04	6/25/04
13 TP-15	237118-10	6/23/04	6/23/04
14 TP-2	237118-11	6/25/04	6/25/04
15 TP-1	237118-12	6/23/04	6/23/04
16 TP-8	237118-13	6/23/04	6/23/04
17 TP-7	237118-14	6/25/04	6/25/04
18 TP-6	237118-15	6/23/04	6/23/04
19 TP-9	237118-16	6/25/04	6/25/04
20 TP-11	237118-17	6/23/04	6/23/04
21 TP-10	237118-18	6/23/04	6/23/04
22 TP-10A	237118-19	6/25/04	6/25/04
23 TP-3	237118-20	6/23/04	6/23/04
24			
25			
26			

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STL

NYSDOH 10142

NJDEP 73015

CTDOHS PHOSPHORUS IV EPA 821-G-04-001

PA 68-378

M-NY049

 STL Newburgh
 315 Fullerton Avenue
 Newburgh, NY 12550
 Tel: (845) 562-0890
 Fax: (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): mg/Kg[illegible]

ILM04.0

**SEVERN
TRENT** **STL**

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: SAS No.: SDG No.:

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

[illegible]

FORM III - IN

ILM04.0

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TRENT **STL**

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): mg/Kg[illegible]

ILM04.0

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SEVERN
TRENT **STL**

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): _____

[illegible]

ILM04.0

SEVERN **STL**
TRENT

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315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): _____

FORM III - IN

ILM04.0

**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): _____

[illegible]

ILM04.0

SEVERN
TRENT **STL**

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): _____

[illegible]

ILM04.0

SEVERN
TRENT **STL**

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): mg/Kg[illegible]

ILM04.0

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315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): mg/Kg

[illegible]

ILM04.0

SEVERN
TRENT **STL**

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315 Fullerton Avenue
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Fax (845) 562-0841

3
BLANKS

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: _____

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

[illegible]

FORM III - IN

ILM04.0

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**SEVERN
TRENT** **STL**

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M-NY049

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315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANK

Lab Name: STL NEWBURGH Contract:
Lab Code: 10142 SDG No.: 237118
Sample Blank Matrix (Soil/Water): SOIL
Preparation Blank Concentration Units (ug/l or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/l)	C	1	C	2	C	3	C	Prepa- ration Blank	C	M
Aluminum											
Antimony											
Arsenic											
Barium											
Beryllium											
Cadmium											
Calcium											
Chromium											
Cobalt											
Copper											
Iron											
Lead											
Magnesium											
Manganese											
Mercury											
Nickel											
Potassium											
Selenium											
Silver											
Sodium											
Thallium											
Vanadium											
Zinc											
Cyanide	10.0	U	10.0	U	10.0	U	10.0	U	1.0	U	C

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3
BLANK

Lab Name: STL NEWBURGH

Contract:

Lab Code: 10142

SDG No.: 237118

Sample Blank Matrix (Soil/Water): SOIL

Preparation Blank Concentration Units (ug/l or mg/kg):

MG/KG

Analyte	Initial Calib. Blank (ug/l)	Continuing Calibration Blanks						Preparation Blank		
		C	1	C	2	C	3	C		C M
Aluminum										
Antimony										
Arsenic										
Barium										
Beryllium										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron										
Lead										
Magnesium										
Manganese										
Mercury										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Thallium										
Vanadium										
Zinc										
Cyanide	10.0	U	10.0	U	10.0	U	10.0	U	1.0	U C

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
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Newburgh, NY 12550
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Fax (845) 562-0841

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Lab File ID (Standard): XS852.D Date Analyzed: 6/18/2004
 Instrument ID: MS#3 Time Analyzed: 15:44
 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	1227059	11.14	3595348	12.72	2828897	17.18
UPPER LIMIT	2454118	11.64	7190696	13.22	5657794	17.68
LOWER LIMIT	613530	10.64	1797674	12.22	1414449	16.68
EPA SAMPLE NO.						
01 VBLK086	1211069	11.14	3536824	12.72	2774042	17.18
02 TP-5	1251629	11.14	3245466	12.72	2394805	17.18
03 TP-4	1151773	11.14	3191498	12.72	2204465	17.18
04 TP-19	968364	11.14	2478283	12.72	1574417	17.18

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits are a part of Severn Trent Laboratories, Inc.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Lab File ID (Standard): XS856.D Date Analyzed: 6/19/2004
 Instrument ID: MS#3 Time Analyzed: 20:27
 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	1199974	11.13	3740561	12.72	3001808	17.18
UPPER LIMIT	2399948	11.63	7481122	13.22	6003616	17.68
LOWER LIMIT	599987	10.63	1870281	12.22	1500904	16.68
EPA SAMPLE NO.						
01 VBLK087	1181279	11.14	3536869	12.72	2860284	17.18
02 TP-15	833357	11.14	2277373	12.72	1271021 *	17.18
03 TP-2	760304	11.14	2573433	12.72	1573044	17.18
04 TP-7	570187 *	11.14	1764865 *	12.72	1142666 *	17.18
05 TP-6	743765	11.14	2193374	12.72	1449786 *	17.18
06 TP-9	882550	11.14	2675071	12.72	1699551	17.18

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Lab File ID (Standard): XS857.D Date Analyzed: 6/20/2004
 Instrument ID: MS#3 Time Analyzed: 19:03
 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	1199909	11.13	3512458	12.72	2777822	17.18
UPPER LIMIT	2399818	11.63	7024916	13.22	5555644	17.68
LOWER LIMIT	599955	10.63	1756229	12.22	1388911	16.68
EPA SAMPLE NO.						
01 VBLK088	1154242	11.13	3315614	12.72	2655334	17.18
02 TP-10A	929211	11.13	2421279	12.72	1588362	17.18
03 TP-3	915542	11.14	2631710	12.72	1632798	17.18
04 TP-12	952863	11.14	2578737	12.72	1462168	17.18
05 TP-17	1161839	11.14	2567054	12.72	1810769	17.18
06 TP-18	815398	11.14	2648030	12.72	1848419	17.18
07 TP-13	1000668	11.14	2605990	12.72	1660325	17.18
08 TP-14	859879	11.14	2358867	12.72	1405762	17.18
09 TP-15RE	797267	11.14	2275151	12.72	1346572 *	17.18
10 TP-1	824582	11.14	2382985	12.72	1556919	17.18
11 TP-8	676051	11.14	1731172 *	12.72	913570 *	17.18
12 TP-7RE	696590	11.14	2158747	12.72	1314008 *	17.18
13 TP-6RE	631395	11.14	1985276	12.72	1210240 *	17.18
14 TP-9DL	895722	11.14	2796884	12.72	1979130	17.18
15 VBSPK20	1048879	11.14	3110294	12.72	2534679	17.18
16 TP-5MS	881484	11.14	2423588	12.72	1613217	17.18
17 TP-5MSD	937572	11.14	2502915	12.72	1837570	17.18

IS1 (BCM) = Bromochloromethane

IS2 (DFB) = 1,4-Difluorobenzene

IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Lab File ID (Standard): XS858.D Date Analyzed: 6/21/2004
 Instrument ID: MS#3 Time Analyzed: 13:59
 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	1165402	11.13	3346773	12.71	2704497	17.17
UPPER LIMIT	2330804	11.63	6693546	13.21	5408994	17.67
LOWER LIMIT	582701	10.63	1673387	12.21	1352249	16.67
EPA SAMPLE NO.						
01 VBLK088A	985436	11.13	3181565	12.71	2401486	17.17
02 TP-5DL	1057882	11.13	3022390	12.72	2426017	17.18
03 TP-16	907978	11.13	2314992	12.71	1549637	17.17
04 TP-11	1361639	11.13	2802654	12.71	1774425	17.17
05 TP-10	891317	11.14	2481563	12.72	1480987	17.18

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits a part of Severn Trent Laboratories, Inc.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Lab File ID (Standard): XS860.D Date Analyzed: 6/22/2004
 Instrument ID: MS#3 Time Analyzed: 14:00
 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	1103576	11.13	3035066	12.72	2388363	17.18
UPPER LIMIT	2207152	11.63	6070132	13.22	4776726	17.68
LOWER LIMIT	551788	10.63	1517533	12.22	1194182	16.68
EPA SAMPLE NO.						
01 VBLK089	1162092	11.13	3084785	12.72	2474747	17.18
02 TP-8RE	645919	11.14	1455725 *	12.72	769712 *	17.18

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits a part of Severn Trent Laboratories, Inc.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Lab File ID (Standard): WS538.D Date Analyzed: 6/21/2004
 Instrument ID: MSD2 Time Analyzed: 13:28
 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	1124485	9.41	2665332	11.26	2071979	15.94
UPPER LIMIT	2248970	9.91	5330664	11.76	4143958	16.44
LOWER LIMIT	562243	8.91	1332666	10.76	1035990	15.44
EPA SAMPLE NO.						
01 VBLKM21	1104475	9.39	2569877	11.26	2035917	15.93
02 TP-4DL	1028681	9.40	2454747	11.26	1892805	15.94

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

STL is a part of Severn Trent Laboratories, Inc.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Lab File ID (Standard): CCV2414.D Date Analyzed: 6/22/2004
 Instrument ID: 5972-1 Time Analyzed: 11:53

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	598897	7.88	1962107	10.35	1091933	13.86
UPPER LIMIT	1197794	8.38	3924214	10.85	2183866	14.36
LOWER LIMIT	299449	7.38	981054	9.85	545967	13.36
EPA SAMPLE NO.						
01 SBLK20	574725	7.91	1857745	10.35	1004550	13.85
02 SBSPK20	455181	7.89	1460652	10.35	810372	13.86
03 TP-15	537763	7.89	1749029	10.34	949703	13.85
04 TP-18	527793	7.89	1703080	10.34	915042	13.86
05 TP-10	562965	7.89	1751253	10.34	952802	13.85
06 TP-7	570434	7.90	1776111	10.35	945545	13.86
07 TP-16	548489	7.89	1720884	10.34	976824	13.85
08 TP-5	535654	7.91	1812994	10.35	988648	13.87
09 TP-2	524433	7.90	1699826	10.35	974572	13.86
10 TP-13	543908	7.90	1807065	10.34	1046532	13.85
11 TP-10A	539018	7.90	1880681	10.35	1076317	13.88
12 TP-9	564269	7.91	1878298	10.35	1112544	13.86
13 TP-8	539073	7.89	1778666	10.35	991828	13.87
14 TP-19	527308	7.89	1760084	10.35	1073745	13.86
15 TP-11	534541	7.91	1829834	10.35	966536	13.89
16 TP-12	485261	7.91	1640544	10.35	959613	13.88
17 TP-6	411404	7.90	1417747	10.34	823113	13.88
18 TP-14	379840	7.90	1284152	10.35	836663	13.86
19 TP-1	345185	7.88	1168065	10.35	365857 *	14.00

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10
 IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Lab File ID (Standard): CCV2414.D Date Analyzed: 06/22/04
 Instrument ID: 5972-1 Time Analyzed: 11:53

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	1763264	16.84	1262933	22.18	986689	24.85
UPPER LIMIT	3526528	17.34	2525866	22.68	1973378	25.35
LOWER LIMIT	881632	16.34	631467	21.68	493345	24.35
EPA SAMPLE NO.						
01 SBLK20	1499441	16.84	1341529	22.17	1196661	24.84
02 SBSPK20	1238456	16.84	1085786	22.17	1011193	24.85
03 TP-15	1577862	16.84	1165396	22.16	962761	24.84
04 TP-18	1443183	16.84	1070290	22.18	799719	24.85
05 TP-10	1483192	16.85	1220750	22.17	981186	24.84
06 TP-7	1511603	16.86	1280141	22.19	836234	24.85
07 TP-16	1515589	16.86	1167627	22.22	803565	24.86
08 TP-5	1384834	16.90	378503 *	22.31	221323 *	24.89
09 TP-2	1691050	16.85	1355635	22.19	726016	24.86
10 TP-13	1816261	16.84	1056963	22.20	426281 *	24.87
11 TP-10A	1417136	16.93	765934	22.28	349020 *	24.88
12 TP-9	1531771	16.90	756159	22.27	322972 *	24.88
13 TP-8	1445466	16.90	677692	22.24	307313 *	24.88
14 TP-19	1858253	16.86	809670	22.24	303095 *	24.89
15 TP-11	900433	17.00	295915 *	22.29	148227 *	24.88
16 TP-12	1151501	16.93	356757 *	22.29	153971 *	24.88
17 TP-6	860412 *	16.95	199670 *	22.28	83131 *	24.88
18 TP-14	1492056	16.86	409081 *	22.22	154924 *	24.88
19 TP-1	270507 *	17.08	69360 *	22.27	30153 *	24.91

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10
 IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Lab File ID (Standard): CCV2415.D Date Analyzed: 6/23/2004
 Instrument ID: 5972-1 Time Analyzed: 8:34

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	335439	7.86	1141324	10.33	637859	13.84
UPPER LIMIT	670878	8.36	2282648	10.83	1275718	14.34
LOWER LIMIT	167720	7.36	570662	9.83	318930	13.34
EPA SAMPLE NO.						
01 TP-11DL	373853	7.87	1231601	10.33	675179	13.84
02 TP-12DL	396730	7.88	1324099	10.33	741729	13.85
03 TP-1DL	366867	7.86	1185699	10.33	439609	13.93
04 TP-4	353611	7.86	1235770	10.33	738562	13.85
05 TP-3	362315	7.87	1317785	10.33	797975	13.86
06 TP-17	426852	7.88	1525828	10.33	919044	13.84
07 TP-4DL	412747	7.86	1378053	10.33	784291	13.83
08 TP-9DL	488795	7.88	1622660	10.34	918818	13.85
09 TP-5MS	450924	7.89	1518816	10.34	878053	13.86
10 TP-5MSD	440987	7.89	1520582	10.34	909878	13.85
11 TP-5RE	382352	7.89	1330968	10.33	781574	13.85
12 TP-10ARE	414710	7.88	1425753	10.33	853552	13.86
13 TP-8RE	412273	7.86	1408851	10.33	846726	13.85
14 TP-19RE	419297	7.86	1402878	10.33	856452	13.85
15 TP-14RE	448058	7.88	1562994	10.33	930292	13.84

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10
 IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Lab File ID (Standard): CCV2415.D Date Analyzed: 06/23/04
 Instrument ID: 5972-1 Time Analyzed: 8:34

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	1063082	16.83	829838	22.17	684878	24.84
UPPER LIMIT	2126164	17.33	1659676	22.67	1369756	25.34
LOWER LIMIT	531541	16.33	414919	21.67	342439	24.34
EPA SAMPLE NO.						
01 TP-11DL	1032771	16.87	733313	22.22	467035	24.87
02 TP-12DL	1097891	16.86	627591	22.23	332893 *	24.86
03 TP-1DL	429765 *	16.99	209990 *	22.25	93468 *	24.89
04 TP-4	1073355	16.87	311491 *	22.27	131152 *	24.88
05 TP-3	1021860	16.90	315980 *	22.25	107315 *	24.87
06 TP-17	1456504	16.85	539237	22.21	200023 *	24.87
07 TP-4DL	1286453	16.83	1030206	22.18	434434	24.85
08 TP-9DL	1374339	16.86	830201	22.22	357226	24.87
09 TP-5MS	1307412	16.87	348067 *	22.28	163984 *	24.88
10 TP-5MSD	1320108	16.88	329189 *	22.29	149291 *	24.88
11 TP-5RE	1131169	16.88	269221 *	22.28	123500 *	24.88
12 TP-10ARE	1200022	16.90	503160	22.25	191938 *	24.87
13 TP-8RE	1250913	16.88	471872	22.23	173183 *	24.87
14 TP-19RE	1427373	16.84	579688	22.22	213604 *	24.87
15 TP-14RE	1449761	16.84	401072 *	22.20	146261 *	24.87

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10
 IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Lab File ID (Standard): CCV2416.D Date Analyzed: 6/24/2004
 Instrument ID: 5972-1 Time Analyzed: 12:30

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	521204	7.84	1727671	10.32	966703	13.82
UPPER LIMIT	1042408	8.34	3455342	10.82	1933406	14.32
LOWER LIMIT	260602	7.34	863836	9.82	483352	13.32
EPA SAMPLE NO.						
01 TP-6DL	701224	7.85	2332458	10.31	1124607	13.83
02 TP-17RE	699454	7.86	2386859	10.30	1266286	13.82
03 TP-3RE	633307	7.86	2126371	10.31	1095425	13.84

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10
 IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

STL Newburgh is a part of Severn Trent Laboratories, Inc.

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Lab File ID (Standard): CCV2416.D Date Analyzed: 06/24/04
 Instrument ID: 5972-1 Time Analyzed: 12:30

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	1507576	16.82	1027797	22.16	781001	24.83
UPPER LIMIT	3015152	17.32	2055594	22.66	1562002	25.33
LOWER LIMIT	753788	16.32	513899	21.66	390501	24.33
EPA SAMPLE NO.						
01 TP-6DL	1373687	16.87	429275 *	22.21	184213 *	24.85
02 TP-17RE	1843572	16.83	498402 *	22.17	181058 *	24.84
03 TP-3RE	1289471	16.89	351929 *	22.23	157165 *	24.85

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10
 IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Lab File ID (Standard): CCV2418.D Date Analyzed: 6/28/2004
 Instrument ID: 5972-1 Time Analyzed: 10:17

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	543388	7.79	1725015	10.27	940994	13.78
UPPER LIMIT	1086776	8.29	3450030	10.77	1881988	14.28
LOWER LIMIT	271694	7.29	862508	9.77	470497	13.28
EPA SAMPLE NO.						
01 SBLK24	455519	7.80	1503579	10.27	843431	13.78
02 SBSPK24	420015	7.80	1416079	10.27	835258	13.78
03 TP-10RR	517294	7.82	1623156	10.29	1106525	13.89
04 TP-15RR	496600	7.81	1647478	10.28	1074474	13.78

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10
 IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237118
 Lab File ID (Standard): CCV2418.D Date Analyzed: 06/28/04
 Instrument ID: 5972-1 Time Analyzed: 10:17

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	1563384	16.78	1439146	22.12	1019468	24.80
UPPER LIMIT	3126768	17.28	2878292	22.62	2038936	25.30
LOWER LIMIT	781692	16.28	719573	21.62	509734	24.30
EPA SAMPLE NO.						
01 SBLK24	1388188	16.77	1198750	22.11	897516	24.79
02 SBSPK24	1339179	16.78	1265403	22.11	1057474	24.79
03 TP-10RR	797881	17.04	288106 *	22.23	155680 *	24.83
04 TP-15RR	1893509	16.79	604153 *	22.14	242883 *	24.82

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10
 IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits are a part of Severn Trent Laboratories, Inc.

ANALYTICAL REPORT

JOB NUMBER: 237118

Prepared For:

InteGreyted International, LLC
104 Jamesville Road
Syracuse, NY 13214

Attention: Mark Schumacher

Date: 07/08/2004

D. Kuhl
Signature

Name: Douglas O. Tawse

Title: Project Manager

E-Mail: dtawse@stl-inc.com

7/8/04
Date

315 Fullerton Avenue
Newburgh, NY 12550

PHONE: (845) 562-0890
FAX...: (845) 562-0841

STL Newburgh is a part of Severn Trent Laboratories, Inc.

**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

STL Newburgh

STOMER NAME
INTUGATED INTERNATIONAL

DRESS
104 JAMESVILLE RD

Y, STATE, ZIP
SYRACUSE, NY 13214

NAME OF CONTACT
WANK J. SCHUMACHER

PHONE NO.
315-445-0229

OBJECT LOCATION
COOPAN

OBJECT NUMBER / PO NO.
0310025P

REPORT TYPE

STANDARD ☐ ISRA ☐

NJ REG ☐

NYASP A ☐ B ☐ CLP ☒

OTHER ☐

CAT B DELIVERABLES

TURNAROUND

☐ NORMAL

☒ QUICK *3 wk*
AS per RPT

☐ VERBAL

REPORT # (Lab Use Only)

135118

SAMPLE TEMP *5.05*

SAMPLE REC'D ON ICE ☒

PH CHECK ☒

CHLORINE (RESIDUAL) ☒

REVIEWED BY *002*

NY PUBLIC WATER SUPPLIES

SOURCE ID _____

ELRP TYPE _____

FEDERAL ID _____

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

NOTE: SAMPLE TEMPERATURE UPON
RECEIPT MUST BE 4° ± 2°C.

STL #	SAMPLING DATE	TIME AM PM	COMP GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	Liter Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	8 oz. Soil	2 oz. Corpak	250ml Plastic NaOH / Zn ACC	
1	6-8-04	900	X	S	TP-5-MSD	2														
2		845	X	S	TP-4	2														
3		920	X	S	TP-19	2														
4		945	X	S	TP-12	2														
5		1030	X	S	TP-17	2														
6		1110	X	S	TP-18	2														
7		1245	X	S	TP-16	2														
8		1345	X	S	TP-13	2														
9		1415	X	S	TP-14	2														
10		1455	X	S	TP-15	2														

ELRP TYPE _____
FEDERAL ID # _____

ANALYSIS REQUESTED

TIC (818) 8072
8260, 8270, METALS, CN, POST, PCB

LAB USE ONLY
10000

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECTED TO THE STL TERMS AND CONDITIONS OF SALE (SHORT FORM) UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY <i>Wilson</i>	COMPANY <i>SA</i>	DATE <i>6/1/04</i>	TIME <i>1100</i>	RECEIVED BY <i>Wilson</i>	COMPANY <i>INTUGATED</i>	DATE <i>6-3-04</i>	TIME
IMPLIED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
RELINQUISHED BY <i>2102</i>	COMPANY <i>INTUGATED</i>	DATE <i>6-9-04</i>	TIME <i>809</i>	RECEIVED BY <i>Wilson</i>	COMPANY <i>STL</i>	DATE <i>6/9/04</i>	TIME <i>10:00 AM</i>
					COMPANY <i>STL</i>	DATE <i>6/9/04</i>	TIME <i>15:00 AM</i>

COMMENTS *NYSDOC ASP / CAT B DELIVERABLES*

Relinquish by: *Wilson* STL 6/9/04 3:40pm

STL Newburgh

CUSTOMER NAME
INTERGRATED INTERNATIONAL

ADDRESS
104 JAMESVILLE RD

CITY, STATE, ZIP
SYRACUSE, NY 13214

NAME OF CONTACT
MARK J SCHUMACHER PHONE NO.
315-445-0224

PROJECT LOCATION
COOPER

PROJECT NUMBER / PO NO.
0310025P

REPORT TYPE

STANDARD ☐ ISRA ☐
NJ REG ☐
NYASP A ☐ B ☐ CLP ☒
OTHER CAT B DELIVERABLES

TURNAROUND

☐ NORMAL
☒ QUICK 3 WEEK
AS PER QUOTE
☐ VERBAL

REPORT # (Lab Use Only)

25718

SAMPLE TEMP 13.0
SAMPLE RECD ON ICE Y
PH CHECK Y
CHLORINE (RESIDUAL) N
REVIEWED BY [Signature]

NY PUBLIC WATER SUPPLIES

SOURCE ID _____
ELRP TYPE _____
FEDERAL ID _____

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

STL #	SAMPLING DATE	TIME	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	Liter Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	8 oz. Soil	2 oz. Corpak	250ml Plastic NaOH / Zn ACC
1	6-2-04	900	X		S	TP-2	2													
2		952	X		S	TP-1	2													
3		1030	X		S	TP-8	2													
4		1115	X		S	TP-7	2													
5		1245	X		S	TP-6	2													
6		1345	X		S	TP-9	2													
7		1450	X		S	TP-11	2													
8		1600	X		S	TP-10	2													
9		1600	X		S	TP-10A	2													
10		1635	X		S	TP-31	2													
11	6-8-04	800	X		S	TP-5	2													
12		800	X		S	TP-5-MIS	2													

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE STL TERMS AND CONDITIONS OF SALE (SHORT FORM) UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY <u>[Signature]</u>	COMPANY <u>STL</u>	DATE <u>6/1/04</u>	TIME <u>1100</u>	RECEIVED BY <u>[Signature]</u>	COMPANY <u>INTERGRATED</u>	DATE <u>6-3-04</u>	TIME <u></u>
IMPLED BY <u>[Signature]</u>	COMPANY <u>STL</u>	DATE <u>6/9/04</u>	TIME <u>10:00 AM</u>	RECEIVED BY <u>[Signature]</u>	COMPANY <u>STL</u>	DATE <u>6/9/04</u>	TIME <u>15:40</u>

REMARKS
NYSDOC ASP CAT B DELIVERABLES

CUSTOMER NAME
INTUGAYTON INTERNATIONAL

ADDRESS
104 Jansville Rd

CITY, STATE, ZIP
SYRACUSE, NY 13219

NAME OF CONTACT
Mark J Schumacher

PHONE NO.
315-445-9234

PROJECT LOCATION
COOPER

PROJECT NUMBER / PO NO.
0310025P

REPORT TYPE
STANDARD ☒ SRA ☐
NJ REG ☐
NYASP A ☐ B ☐ C ☐
OTHER ☐

TURNAROUND
☐ NORMAL
☒ QUICK 3 WK
AS per note
☐ VERBAL

REPORT # (Lab Use Only)
23118

SAMPLE TEMP 3.02
SAMPLE REC'D ON ICE Y
PHO CHECK Y
CHLORINE RESIDUAL Y
REVIEWED BY 10/07

NY PUBLIC WATER SUPPLIES
SOURCE ID
ELRP TYPE
FEDERAL ID

NOTE: SAMPLE TEMPERATURE UPON
RECEIPT MUST BE 4° ± 2°C.

STL #	SAMPLING DATE	TIME	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	Liter Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	8 oz. Soil	2 oz. Corpak	250ml Plastic NaOH / Zn ACC
8221	6-7-04	1030	X		S	TP-8-WC	3													
2422		1115	X		S	TP-7-WC	3													
2523		1245	X		S	TP-6-WC	3													
2624		1345	X		S	TP-9-WC	3													
2725		1600	X		S	TP-10-WC	3													
2826	6-8-04	800	X		S	TP-5-WC	3													
2927		1010	X		S	TP-17-WC	3													
3028		1245	X		S	TP-16-WC	3													
3129		1345	X		S	TP-13-WC	3													
3230		1405	X		S	TP-14-WC	3													

ANALYSIS REQUESTED
TECP TECP TECP TECP React
VOC SVOC METALS PEST/HERB CNT SUL
IGN, CORR

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE STL TERMS AND CONDITIONS OF SALE (SHORT FORM) UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY [Signature]	COMPANY STL	DATE 6/1/04	TIME 1100	RECEIVED BY [Signature]	COMPANY STL	DATE 6/9/04	TIME 10:00 AM
SAMPLED BY [Signature]	COMPANY STL	DATE 6/1/04	TIME 1100	RECEIVED BY [Signature]	COMPANY STL	DATE 6/9/04	TIME 15:00

COMMENTS
STANDARD RPT ON ALL TECP WASTE CHAN SAMPLES
PARA 1701 LIST NOTED FOR ALL SAMPLES

SEVERN
TRENT

STL Newburgh

STL

SUBCONTRACT CHAIN OF CUSTODY

SUBCONTRACT LABORATORY

PROJECT MANAGER

PO#

237118

[illegible]

Relinquished By

Received By

Date _____

Date _____

Company

Company

315 Fullerton Avenue
Newburgh
NY 12550

Tel: (845) 562-0890
Fax: (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-8-WC
Date Sampled.....: 06/07/2004
Time Sampled.....: 10:30
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-21
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 7470A	Mercury (Hg), TCLP	0.50	U		0.50	ug/L	06/17/04	lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Zero Head Space (ZHE) Extraction, TCLP	Complete					06/21/04	pcp
SW846 1010	Ignitability (Flashpoint)	>200			70.000	degrees F	06/17/04	lms
SW846 9045C	Corrosivity (pH Solid)	9.28			0.20	pH Units	06/10/04	bmm
SW846 8151A	Herbicides Subcontract, TCLP	Complete				* Text	06/29/04	jmr
CH 7.3.2	Reactivity CH 7.3.2 Subcontract	Complete					06/29/04	jmr
SW846 8081A	Organochlorine Pesticide Analysis							
	gamma-BHC (Lindane), TCLP	21	U		21	ug/L	06/17/04	ljc
	Heptachlor, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Heptachlor epoxide, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Endrin, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Methoxychlor, TCLP	210	U		210	ug/L	06/17/04	ljc
	Toxaphene, TCLP	21	U		21	ug/L	06/17/04	ljc
	Technical Chlordane, TCLP	21	U		21	ug/L	06/17/04	ljc
SW846 6010B	Metals Analysis (ICAP)							
	Arsenic (As), TCLP	200	U		200	ug/L	06/18/04	mad
	Barium (Ba), TCLP	940			400	ug/L	06/18/04	mad
	Cadmium (Cd), TCLP	215			20.0	ug/L	06/18/04	mad
	Chromium (Cr), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
	Lead (Pb), TCLP	200	U		200	ug/L	06/18/04	mad
	Selenium (Se), TCLP	50.0	U		50.0	ug/L	06/18/04	mad
	Silver (Ag), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
SW846 8270C	Semivolatile Organics							
	Pyridine, TCLP	21	U		21	ug/L	06/16/04	caw
	1,4-Dichlorobenzene, TCLP	21	U		21	ug/L	06/16/04	caw
	2-Methylphenol (o-cresol), TCLP	21	U		21	ug/L	06/16/04	caw
	Hexachloroethane, TCLP	21	U		21	ug/L	06/16/04	caw
	4-Methylphenol (m/p-cresol), TCLP	21	U		21	ug/L	06/16/04	caw
	Nitrobenzene, TCLP	21	U		21	ug/L	06/16/04	caw
	Hexachlorobutadiene, TCLP	21	U		21	ug/L	06/16/04	caw
	2,4,6-Trichlorophenol, TCLP	21	U		21	ug/L	06/16/04	caw
	2,4,5-Trichlorophenol, TCLP	110	U		110	ug/L	06/16/04	caw
	2,4-Dinitrotoluene, TCLP	21	U		21	ug/L	06/16/04	caw
	Hexachlorobenzene, TCLP	21	U		21	ug/L	06/16/04	caw

* In Description = Dry Wgt.

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-8-WC
Date Sampled.....: 06/07/2004
Time Sampled.....: 10:30
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-21
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Pentachlorophenol, TCLP	53	U		53	ug/L	06/16/04	caw
	Volatile Organics							
	Vinyl chloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,1-Dichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	2-Butanone (MEK), TCLP	200	U		200	ug/L	06/22/04	pcp
	Chloroform, TCLP	200	U		200	ug/L	06/22/04	pcp
	Carbon tetrachloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	Benzene, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,2-Dichloroethane, TCLP	200	U		200	ug/L	06/22/04	pcp
	Trichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Tetrachloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Chlorobenzene, TCLP	200	U		200	ug/L	06/22/04	pcp

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-7-WC
Date Sampled.....: 06/07/2004
Time Sampled.....: 11:15
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-22
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 7470A	Mercury (Hg), TCLP	0.50	U		0.50	ug/L	06/17/04	lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Zero Head Space (ZHE) Extraction, TCLP	Complete					06/21/04	pcp
SW846 1010	Ignitability (Flashpoint)	>200			70.000	degrees F	06/18/04	lms
SW846 9045C	Corrosivity (pH Solid)	10.18			0.20	pH Units	06/10/04	bmm
SW846 8151A	Herbicides Subcontract, TCLP	Complete				* Text	06/29/04	jmr
CH 7.3.2	Reactivity CH 7.3.2 Subcontract	Complete					06/29/04	jmr
SW846 8081A	Organochlorine Pesticide Analysis							
	gamma-BHC (Lindane), TCLP	21	U		21	ug/L	06/17/04	ljc
	Heptachlor, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Heptachlor epoxide, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Endrin, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Methoxychlor, TCLP	210	U		210	ug/L	06/17/04	ljc
	Toxaphene, TCLP	21	U		21	ug/L	06/17/04	ljc
	Technical Chlordane, TCLP	21	U		21	ug/L	06/17/04	ljc
SW846 6010B	Metals Analysis (ICAP)							
	Arsenic (As), TCLP	200	U		200	ug/L	06/18/04	mad
	Barium (Ba), TCLP	400	U		400	ug/L	06/18/04	mad
	Cadmium (Cd), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
	Chromium (Cr), TCLP	20.1	U		20.0	ug/L	06/18/04	mad
	Lead (Pb), TCLP	200	U		200	ug/L	06/18/04	mad
	Selenium (Se), TCLP	50.0	U		50.0	ug/L	06/18/04	mad
	Silver (Ag), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
SW846 8270C	Semivolatile Organics							
	Pyridine, TCLP	21	U		21	ug/L	06/16/04	caw
	1,4-Dichlorobenzene, TCLP	21	U		21	ug/L	06/16/04	caw
	2-Methylphenol (o-cresol), TCLP	21	U		21	ug/L	06/16/04	caw
	Hexachloroethane, TCLP	21	U		21	ug/L	06/16/04	caw
	4-Methylphenol (m/p-cresol), TCLP	21	U		21	ug/L	06/16/04	caw
	Nitrobenzene, TCLP	21	U		21	ug/L	06/16/04	caw
	Hexachlorobutadiene, TCLP	21	U		21	ug/L	06/16/04	caw
	2,4,6-Trichlorophenol, TCLP	21	U		21	ug/L	06/16/04	caw
	2,4,5-Trichlorophenol, TCLP	110	U		110	ug/L	06/16/04	caw
	2,4-Dinitrotoluene, TCLP	21	U		21	ug/L	06/16/04	caw
	Hexachlorobenzene, TCLP	21	U		21	ug/L	06/16/04	caw

* In Description = Dry Wgt.

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PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-7-WC
Date Sampled.....: 06/07/2004
Time Sampled.....: 11:15
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-22
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Pentachlorophenol, TCLP	53	U		53	ug/L	06/16/04	caw
	Volatile Organics							
	Vinyl chloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,1-Dichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	2-Butanone (MEK), TCLP	200	U		200	ug/L	06/22/04	pcp
	Chloroform, TCLP	200	U		200	ug/L	06/22/04	pcp
	Carbon tetrachloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	Benzene, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,2-Dichloroethane, TCLP	200	U		200	ug/L	06/22/04	pcp
	Trichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Tetrachloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Chlorobenzene, TCLP	200	U		200	ug/L	06/22/04	pcp

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-6-WC
Date Sampled.....: 06/07/2004
Time Sampled.....: 12:45
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-23
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 7470A	Mercury (Hg), TCLP	0.50	U		0.50	ug/L	06/17/04	lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Zero Head Space (ZHE) Extraction, TCLP	Complete					06/21/04	pcp
SW846 1010	Ignitability (Flashpoint)	>200			70.000	degrees F	06/22/04	lms
SW846 9045C	Corrosivity (pH Solid)	8.27			0.20	pH Units	06/10/04	bmm
SW846 8151A	Herbicides Subcontract, TCLP	Complete				* Text	06/29/04	jmr
CH 7.3.2	Reactivity CH 7.3.2 Subcontract	Complete					06/29/04	jmr
SW846 8081A	Organochlorine Pesticide Analysis							
	gamma-BHC (Lindane), TCLP	21	U		21	ug/L	06/17/04	ljc
	Heptachlor, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Heptachlor epoxide, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Endrin, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Methoxychlor, TCLP	210	U		210	ug/L	06/17/04	ljc
	Toxaphene, TCLP	21	U		21	ug/L	06/17/04	ljc
	Technical Chlordane, TCLP	21	U		21	ug/L	06/17/04	ljc
SW846 6010B	Metals Analysis (ICAP)							
	Arsenic (As), TCLP	200	U		200	ug/L	06/18/04	mad
	Barium (Ba), TCLP	400	U		400	ug/L	06/18/04	mad
	Cadmium (Cd), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
	Chromium (Cr), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
	Lead (Pb), TCLP	200	U		200	ug/L	06/18/04	mad
	Selenium (Se), TCLP	50.0	U		50.0	ug/L	06/18/04	mad
	Silver (Ag), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
SW846 8270C	Semivolatile Organics							
	Pyridine, TCLP	21	U		21	ug/L	06/18/04	caw
	1,4-Dichlorobenzene, TCLP	21	U		21	ug/L	06/18/04	caw
	2-Methylphenol (o-cresol), TCLP	21	U		21	ug/L	06/18/04	caw
	Hexachloroethane, TCLP	21	U		21	ug/L	06/18/04	caw
	4-Methylphenol (m/p-cresol), TCLP	21	U		21	ug/L	06/18/04	caw
	Nitrobenzene, TCLP	21	U		21	ug/L	06/18/04	caw
	Hexachlorobutadiene, TCLP	21	U		21	ug/L	06/18/04	caw
	2,4,6-Trichlorophenol, TCLP	21	U		21	ug/L	06/18/04	caw
	2,4,5-Trichlorophenol, TCLP	110	U		110	ug/L	06/18/04	caw
	2,4-Dinitrotoluene, TCLP	21	U		21	ug/L	06/18/04	caw
	Hexachlorobenzene, TCLP	21	U		21	ug/L	06/18/04	caw

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-6-WC
Date Sampled.....: 06/07/2004
Time Sampled.....: 12:45
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-23
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Pentachlorophenol, TCLP	53	U		53	ug/L	06/18/04	caw
	Volatile Organics							
	Vinyl chloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,1-Dichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	2-Butanone (MEK), TCLP	200	U		200	ug/L	06/22/04	pcp
	Chloroform, TCLP	200	U		200	ug/L	06/22/04	pcp
	Carbon tetrachloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	Benzene, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,2-Dichloroethane, TCLP	200	U		200	ug/L	06/22/04	pcp
	Trichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Tetrachloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Chlorobenzene, TCLP	200	U		200	ug/L	06/22/04	pcp

* In Description = Dry Wgt.

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SEVERN
TRENT **STL**

NYSDOH 10142

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EPA NY049

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-9-WC
Date Sampled.....: 06/07/2004
Time Sampled.....: 13:45
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-24
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 7470A	Mercury (Hg), TCLP	0.50	U		0.50	ug/L	06/17/04	lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Zero Head Space (ZHE) Extraction, TCLP	Complete					06/21/04	pcp
SW846 1010	Ignitability (Flashpoint)	>200			70.000	degrees F	06/24/04	lms
SW846 9045C	Corrosivity (pH Solid)	8.88			0.20	pH Units	06/10/04	bmm
SW846 8151A	Herbicides Subcontract, TCLP	Complete				* Text	06/29/04	jmr
CH 7.3.2	Reactivity CH 7.3.2 Subcontract	Complete					06/29/04	jmr
SW846 8081A	Organochlorine Pesticide Analysis							
	gamma-BHC (Lindane), TCLP	21	U		21	ug/L	06/17/04	ljc
	Heptachlor, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Heptachlor epoxide, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Endrin, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Methoxychlor, TCLP	210	U		210	ug/L	06/17/04	ljc
	Toxaphene, TCLP	21	U		21	ug/L	06/17/04	ljc
	Technical Chlordane, TCLP	21	U		21	ug/L	06/17/04	ljc
SW846 6010B	Metals Analysis (ICAP)							
	Arsenic (As), TCLP	200	U		200	ug/L	06/18/04	mad
	Barium (Ba), TCLP	400	U		400	ug/L	06/18/04	mad
	Cadmium (Cd), TCLP	69.3			20.0	ug/L	06/18/04	mad
	Chromium (Cr), TCLP	27.5			20.0	ug/L	06/18/04	mad
	Lead (Pb), TCLP	413			200	ug/L	06/18/04	mad
	Selenium (Se), TCLP	50.0	U		50.0	ug/L	06/18/04	mad
	Silver (Ag), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
SW846 8270C	Semivolatile Organics							
	Pyridine, TCLP	21	U		21	ug/L	06/16/04	caw
	1,4-Dichlorobenzene, TCLP	21	U		21	ug/L	06/16/04	caw
	2-Methylphenol (o-cresol), TCLP	21	U		21	ug/L	06/16/04	caw
	Hexachloroethane, TCLP	21	U		21	ug/L	06/16/04	caw
	4-Methylphenol (m/p-cresol), TCLP	21	U		21	ug/L	06/16/04	caw
	Nitrobenzene, TCLP	21	U		21	ug/L	06/16/04	caw
	Hexachlorobutadiene, TCLP	21	U		21	ug/L	06/16/04	caw
	2,4,6-Trichlorophenol, TCLP	21	U		21	ug/L	06/16/04	caw
	2,4,5-Trichlorophenol, TCLP	110	U		110	ug/L	06/16/04	caw
	2,4-Dinitrotoluene, TCLP	21	U		21	ug/L	06/16/04	caw
	Hexachlorobenzene, TCLP	21	U		21	ug/L	06/16/04	caw

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-9-WC
Date Sampled.....: 06/07/2004
Time Sampled.....: 13:45
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-24
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Pentachlorophenol, TCLP	53	U		53	ug/L	06/16/04	cah
	Volatile Organics							
	Vinyl chloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,1-Dichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	2-Butanone (MEK), TCLP	200	U		200	ug/L	06/22/04	pcp
	Chloroform, TCLP	200	U		200	ug/L	06/22/04	pcp
	Carbon tetrachloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	Benzene, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,2-Dichloroethane, TCLP	200	U		200	ug/L	06/22/04	pcp
	Trichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Tetrachloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Chlorobenzene, TCLP	200	U		200	ug/L	06/22/04	pcp

* In Description = Dry Wgt.

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STL Newburgh
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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-10-WC
Date Sampled.....: 06/07/2004
Time Sampled.....: 16:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-25
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 7470A	Mercury (Hg), TCLP	0.50	U		0.50	ug/L	06/17/04	lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Zero Head Space (ZHE) Extraction, TCLP	Complete					06/21/04	pcp
SW846 1010	Ignitability (Flashpoint)	>200			70.000	degrees F	06/24/04	lms
SW846 9045C	Corrosivity (pH Solid)	9.13			0.20	pH Units	06/10/04	bmm
SW846 8151A	Herbicides Subcontract, TCLP	Complete				* Text	06/29/04	jmr
CH 7.3.2	Reactivity CH 7.3.2 Subcontract	Complete					06/29/04	jmr
SW846 8081A	Organochlorine Pesticide Analysis							
	gamma-BHC (Lindane), TCLP	21	U		21	ug/L	06/17/04	ljc
	Heptachlor, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Heptachlor epoxide, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Endrin, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Methoxychlor, TCLP	210	U		210	ug/L	06/17/04	ljc
	Toxaphene, TCLP	21	U		21	ug/L	06/17/04	ljc
	Technical Chlordane, TCLP	21	U		21	ug/L	06/17/04	ljc
SW846 6010B	Metals Analysis (ICAP)							
	Arsenic (As), TCLP	200	U		200	ug/L	06/18/04	mad
	Barium (Ba), TCLP	400	U		400	ug/L	06/18/04	mad
	Cadmium (Cd), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
	Chromium (Cr), TCLP	32.8	U		20.0	ug/L	06/18/04	mad
	Lead (Pb), TCLP	200	U		200	ug/L	06/18/04	mad
	Selenium (Se), TCLP	50.0	U		50.0	ug/L	06/18/04	mad
	Silver (Ag), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
SW846 8270C	Semivolatile Organics							
	Pyridine, TCLP	21	U		21	ug/L	06/17/04	caw
	1,4-Dichlorobenzene, TCLP	21	U		21	ug/L	06/17/04	caw
	2-Methylphenol (o-cresol), TCLP	21	U		21	ug/L	06/17/04	caw
	Hexachloroethane, TCLP	21	U		21	ug/L	06/17/04	caw
	4-Methylphenol (m/p-cresol), TCLP	21	U		21	ug/L	06/17/04	caw
	Nitrobenzene, TCLP	21	U		21	ug/L	06/17/04	caw
	Hexachlorobutadiene, TCLP	21	U		21	ug/L	06/17/04	caw
	2,4,6-Trichlorophenol, TCLP	21	U		21	ug/L	06/17/04	caw
	2,4,5-Trichlorophenol, TCLP	110	U		110	ug/L	06/17/04	caw
	2,4-Dinitrotoluene, TCLP	21	U		21	ug/L	06/17/04	caw
	Hexachlorobenzene, TCLP	21	U		21	ug/L	06/17/04	caw

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-10-WC
Date Sampled.....: 06/07/2004
Time Sampled.....: 16:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-25
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Pentachlorophenol, TCLP	53	U		53	ug/L	06/17/04	caw
	Volatile Organics							
	Vinyl chloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,1-Dichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	2-Butanone (MEK), TCLP	200	U		200	ug/L	06/22/04	pcp
	Chloroform, TCLP	200	U		200	ug/L	06/22/04	pcp
	Carbon tetrachloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	Benzene, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,2-Dichloroethane, TCLP	200	U		200	ug/L	06/22/04	pcp
	Trichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Tetrachloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Chlorobenzene, TCLP	200	U		200	ug/L	06/22/04	pcp

* In Description = Dry Wgt.

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STL Newburgh
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Newburgh, NY 12550
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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-5-WC
Date Sampled.....: 06/08/2004
Time Sampled.....: 08:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-26
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 7470A	Mercury (Hg), TCLP	0.50	U		0.50	ug/L	06/17/04	lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Zero Head Space (ZHE) Extraction, TCLP	Complete					06/21/04	pcp
SW846 1010	Ignitability (Flashpoint)	>200			70.000	degrees F	06/27/04	lms
SW846 9045C	Corrosivity (pH Solid)	9.37			0.20	pH Units	06/10/04	bmm
SW846 8151A	Herbicides Subcontract, TCLP	Complete				* Text	06/29/04	jmr
CH 7.3.2	Reactivity CH 7.3.2 Subcontract	Complete					06/29/04	jmr
SW846 8081A	Organochlorine Pesticide Analysis							
	gamma-BHC (Lindane), TCLP	21	U		21	ug/L	06/17/04	ljc
	Heptachlor, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Heptachlor epoxide, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Endrin, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Methoxychlor, TCLP	210	U		210	ug/L	06/17/04	ljc
	Toxaphene, TCLP	21	U		21	ug/L	06/17/04	ljc
	Technical Chlordane, TCLP	21	U		21	ug/L	06/17/04	ljc
SW846 6010B	Metals Analysis (ICAP)							
	Arsenic (As), TCLP	200	U		200	ug/L	06/18/04	mad
	Barium (Ba), TCLP	631			400	ug/L	06/18/04	mad
	Cadmium (Cd), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
	Chromium (Cr), TCLP	26.5			20.0	ug/L	06/18/04	mad
	Lead (Pb), TCLP	200	U		200	ug/L	06/18/04	mad
	Selenium (Se), TCLP	50.0	U		50.0	ug/L	06/18/04	mad
	Silver (Ag), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
SW846 8270C	Semivolatile Organics							
	Pyridine, TCLP	21	U		21	ug/L	06/17/04	caw
	1,4-Dichlorobenzene, TCLP	21	U		21	ug/L	06/17/04	caw
	2-Methylphenol (o-cresol), TCLP	21	U		21	ug/L	06/17/04	caw
	Hexachloroethane, TCLP	21	U		21	ug/L	06/17/04	caw
	4-Methylphenol (m/p-cresol), TCLP	21	U		21	ug/L	06/17/04	caw
	Nitrobenzene, TCLP	21	U		21	ug/L	06/17/04	caw
	Hexachlorobutadiene, TCLP	21	U		21	ug/L	06/17/04	caw
	2,4,6-Trichlorophenol, TCLP	21	U		21	ug/L	06/17/04	caw
	2,4,5-Trichlorophenol, TCLP	110	U		110	ug/L	06/17/04	caw
	2,4-Dinitrotoluene, TCLP	21	U		21	ug/L	06/17/04	caw
	Hexachlorobenzene, TCLP	21	U		21	ug/L	06/17/04	caw

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-5-WC
Date Sampled.....: 06/08/2004
Time Sampled.....: 08:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-26
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Pentachlorophenol, TCLP	53	U		53	ug/L	06/17/04	caw
	Volatile Organics							
	Vinyl chloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,1-Dichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	2-Butanone (MEK), TCLP	200	U		200	ug/L	06/22/04	pcp
	Chloroform, TCLP	200	U		200	ug/L	06/22/04	pcp
	Carbon tetrachloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	Benzene, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,2-Dichloroethane, TCLP	200	U		200	ug/L	06/22/04	pcp
	Trichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Tetrachloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Chlorobenzene, TCLP	200	U		200	ug/L	06/22/04	pcp

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-17-WC
Date Sampled.....: 06/08/2004
Time Sampled.....: 10:30
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-27
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 7470A	Mercury (Hg), TCLP	0.50	U		0.50	ug/L	06/17/04	lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Zero Head Space (ZHE) Extraction, TCLP	Complete					06/21/04	pcp
SW846 1010	Ignitability (Flashpoint)	>200			70.000	degrees F	06/27/04	lms
SW846 9045C	Corrosivity (pH Solid)	7.20			0.20	pH Units	06/10/04	bmm
SW846 8151A	Herbicides Subcontract, TCLP	Complete				* Text	06/29/04	jmr
CH 7.3.2	Reactivity CH 7.3.2 Subcontract	Complete					06/29/04	jmr
SW846 8081A	Organochlorine Pesticide Analysis							
	gamma-BHC (Lindane), TCLP	21	U		21	ug/L	06/17/04	ljc
	Heptachlor, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Heptachlor epoxide, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Endrin, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Methoxychlor, TCLP	210	U		210	ug/L	06/17/04	ljc
	Toxaphene, TCLP	21	U		21	ug/L	06/17/04	ljc
	Technical Chlordane, TCLP	21	U		21	ug/L	06/17/04	ljc
SW846 6010B	Metals Analysis (ICAP)							
	Arsenic (As), TCLP	200	U		200	ug/L	06/18/04	mad
	Barium (Ba), TCLP	660			400	ug/L	06/18/04	mad
	Cadmium (Cd), TCLP	46.6			20.0	ug/L	06/18/04	mad
	Chromium (Cr), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
	Lead (Pb), TCLP	200	U		200	ug/L	06/18/04	mad
	Selenium (Se), TCLP	50.0	U		50.0	ug/L	06/18/04	mad
	Silver (Ag), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
SW846 8270C	Semivolatile Organics							
	Pyridine, TCLP	21	U		21	ug/L	06/17/04	caw
	1,4-Dichlorobenzene, TCLP	21	U		21	ug/L	06/17/04	caw
	2-Methylphenol (o-cresol), TCLP	21	U		21	ug/L	06/17/04	caw
	Hexachloroethane, TCLP	21	U		21	ug/L	06/17/04	caw
	4-Methylphenol (m/p-cresol), TCLP	21	U		21	ug/L	06/17/04	caw
	Nitrobenzene, TCLP	21	U		21	ug/L	06/17/04	caw
	Hexachlorobutadiene, TCLP	21	U		21	ug/L	06/17/04	caw
	2,4,6-Trichlorophenol, TCLP	21	U		21	ug/L	06/17/04	caw
	2,4,5-Trichlorophenol, TCLP	110	U		110	ug/L	06/17/04	caw
	2,4-Dinitrotoluene, TCLP	21	U		21	ug/L	06/17/04	caw
	Hexachlorobenzene, TCLP	21	U		21	ug/L	06/17/04	caw

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-17-WC
Date Sampled.....: 06/08/2004
Time Sampled.....: 10:30
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-27
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Pentachlorophenol, TCLP	53	U		53	ug/L	06/17/04	caw
	Volatile Organics							
	Vinyl chloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,1-Dichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	2-Butanone (MEK), TCLP	200	U		200	ug/L	06/22/04	pcp
	Chloroform, TCLP	200	U		200	ug/L	06/22/04	pcp
	Carbon tetrachloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	Benzene, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,2-Dichloroethane, TCLP	200	U		200	ug/L	06/22/04	pcp
	Trichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Tetrachloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Chlorobenzene, TCLP	200	U		200	ug/L	06/22/04	pcp

* In Description = Dry Wgt.

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315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-16-WC
Date Sampled.....: 06/08/2004
Time Sampled.....: 12:45
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-28
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 7470A	Mercury (Hg), TCLP	0.50	U		0.50	ug/L	06/17/04	lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Zero Head Space (ZHE) Extraction, TCLP	Complete					06/21/04	pcp
SW846 1010	Ignitability (Flashpoint)	>200			70.000	degrees F	06/29/04	lms
SW846 9045C	Corrosivity (pH Solid)	8.21			0.20	pH Units	06/10/04	bmm
SW846 8151A	Herbicides Subcontract, TCLP	Complete				* Text	06/29/04	jmr
CH 7.3.2	Reactivity CH 7.3.2 Subcontract	Complete					06/29/04	jmr
SW846 8081A	Organochlorine Pesticide Analysis gamma-BHC (Lindane), TCLP	21	U		21	ug/L	06/17/04	l jc
	Heptachlor, TCLP	1.1	U		1.1	ug/L	06/17/04	l jc
	Heptachlor epoxide, TCLP	1.1	U		1.1	ug/L	06/17/04	l jc
	Endrin, TCLP	1.1	U		1.1	ug/L	06/17/04	l jc
	Methoxychlor, TCLP	210	U		210	ug/L	06/17/04	l jc
	Toxaphene, TCLP	21	U		21	ug/L	06/17/04	l jc
	Technical Chlordane, TCLP	21	U		21	ug/L	06/17/04	l jc
SW846 6010B	Metals Analysis (ICAP) Arsenic (As), TCLP	200	U		200	ug/L	06/18/04	mad
	Barium (Ba), TCLP	400	U		400	ug/L	06/18/04	mad
	Cadmium (Cd), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
	Chromium (Cr), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
	Lead (Pb), TCLP	200	U		200	ug/L	06/18/04	mad
	Selenium (Se), TCLP	50.0	U		50.0	ug/L	06/18/04	mad
	Silver (Ag), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
SW846 8270C	Semivolatile Organics Pyridine, TCLP	21	U		21	ug/L	06/17/04	caw
	1,4-Dichlorobenzene, TCLP	21	U		21	ug/L	06/17/04	caw
	2-Methylphenol (o-cresol), TCLP	21	U		21	ug/L	06/17/04	caw
	Hexachloroethane, TCLP	21	U		21	ug/L	06/17/04	caw
	4-Methylphenol (m/p-cresol), TCLP	21	U		21	ug/L	06/17/04	caw
	Nitrobenzene, TCLP	21	U		21	ug/L	06/17/04	caw
	Hexachlorobutadiene, TCLP	21	U		21	ug/L	06/17/04	caw
	2,4,6-Trichlorophenol, TCLP	21	U		21	ug/L	06/17/04	caw
	2,4,5-Trichlorophenol, TCLP	110	U		110	ug/L	06/17/04	caw
	2,4-Dinitrotoluene, TCLP	21	U		21	ug/L	06/17/04	caw
	Hexachlorobenzene, TCLP	21	U		21	ug/L	06/17/04	caw

* In Description = Dry Wgt.

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-16-WC
Date Sampled.....: 06/08/2004
Time Sampled.....: 12:45
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-28
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Pentachlorophenol, TCLP	53	U		53	ug/L	06/17/04	caw
	Volatile Organics	200	U		200	ug/L	06/22/04	pcp
	Vinyl chloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,1-Dichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	2-Butanone (MEK), TCLP	200	U		200	ug/L	06/22/04	pcp
	Chloroform, TCLP	200	U		200	ug/L	06/22/04	pcp
	Carbon tetrachloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	Benzene, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,2-Dichloroethane, TCLP	200	U		200	ug/L	06/22/04	pcp
	Trichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Tetrachloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Chlorobenzene, TCLP	200	U		200	ug/L	06/22/04	pcp

* In Description = Dry Wgt.

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-13-WC
Date Sampled.....: 06/08/2004
Time Sampled.....: 13:45
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-29
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 7470A	Mercury (Hg), TCLP	0.50	U		0.50	ug/L	06/17/04	lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Zero Head Space (ZHE) Extraction, TCLP	Complete					06/21/04	pcp
SW846 1010	Ignitability (Flashpoint)	>200			70.000	degrees F	06/30/04	lms
SW846 9045C	Corrosivity (pH Solid)	7.69			0.20	pH Units	06/10/04	bmm
SW846 8151A	Herbicides Subcontract, TCLP	Complete				* Text	06/29/04	jmr
CH 7.3.2	Reactivity CH 7.3.2 Subcontract	Complete					06/29/04	jmr
SW846 8081A	Organochlorine Pesticide Analysis							
	gamma-BHC (Lindane), TCLP	21	U		21	ug/L	06/17/04	ljc
	Heptachlor, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Heptachlor epoxide, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Endrin, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Methoxychlor, TCLP	210	U		210	ug/L	06/17/04	ljc
	Toxaphene, TCLP	21	U		21	ug/L	06/17/04	ljc
	Technical Chlordane, TCLP	21	U		21	ug/L	06/17/04	ljc
SW846 6010B	Metals Analysis (ICAP)							
	Arsenic (As), TCLP	200	U		200	ug/L	06/18/04	mad
	Barium (Ba), TCLP	478			400	ug/L	06/18/04	mad
	Cadmium (Cd), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
	Chromium (Cr), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
	Lead (Pb), TCLP	200	U		200	ug/L	06/18/04	mad
	Selenium (Se), TCLP	50.0	U		50.0	ug/L	06/18/04	mad
	Silver (Ag), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
SW846 8270C	Semivolatile Organics							
	Pyridine, TCLP	21	U		21	ug/L	06/17/04	caw
	1,4-Dichlorobenzene, TCLP	21	U		21	ug/L	06/17/04	caw
	2-Methylphenol (o-cresol), TCLP	21	U		21	ug/L	06/17/04	caw
	Hexachloroethane, TCLP	21	U		21	ug/L	06/17/04	caw
	4-Methylphenol (m/p-cresol), TCLP	21	U		21	ug/L	06/17/04	caw
	Nitrobenzene, TCLP	21	U		21	ug/L	06/17/04	caw
	Hexachlorobutadiene, TCLP	21	U		21	ug/L	06/17/04	caw
	2,4,6-Trichlorophenol, TCLP	21	U		21	ug/L	06/17/04	caw
	2,4,5-Trichlorophenol, TCLP	110	U		110	ug/L	06/17/04	caw
	2,4-Dinitrotoluene, TCLP	21	U		21	ug/L	06/17/04	caw
	Hexachlorobenzene, TCLP	21	U		21	ug/L	06/17/04	caw

* In Description = Dry Wgt.

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315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-13-WC
Date Sampled.....: 06/08/2004
Time Sampled.....: 13:45
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-29
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Pentachlorophenol, TCLP	53	U		53	ug/L	06/17/04	caw
	Volatile Organics							
	Vinyl chloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,1-Dichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	2-Butanone (MEK), TCLP	200	U		200	ug/L	06/22/04	pcp
	Chloroform, TCLP	200	U		200	ug/L	06/22/04	pcp
	Carbon tetrachloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	Benzene, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,2-Dichloroethane, TCLP	200	U		200	ug/L	06/22/04	pcp
	Trichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Tetrachloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Chlorobenzene, TCLP	200	U		200	ug/L	06/22/04	pcp

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LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-14-WC
Date Sampled.....: 06/08/2004
Time Sampled.....: 14:15
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-30
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 7470A	Mercury (Hg), TCLP	0.50	U		0.50	ug/L	06/17/04	lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Extraction, TCLP	Complete						lms
SW846 1311	TCLP Zero Head Space (ZHE) Extraction, TCLP	Complete					06/21/04	pcp
SW846 1010	Ignitability (Flashpoint)	>200			70.000	degrees F	06/30/04	lms
SW846 9045C	Corrosivity (pH Solid)	7.70			0.20	pH Units	06/10/04	bmm
SW846 8151A	Herbicides Subcontract, TCLP	Complete				* Text	06/29/04	jmr
CH 7.3.2	Reactivity CH 7.3.2 Subcontract	Complete					06/29/04	jmr
SW846 8081A	Organochlorine Pesticide Analysis							
	gamma-BHC (Lindane), TCLP	21	U		21	ug/L	06/17/04	ljc
	Heptachlor, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Heptachlor epoxide, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Endrin, TCLP	1.1	U		1.1	ug/L	06/17/04	ljc
	Methoxychlor, TCLP	210	U		210	ug/L	06/17/04	ljc
	Toxaphene, TCLP	21	U		21	ug/L	06/17/04	ljc
	Technical Chlordane, TCLP	21	U		21	ug/L	06/17/04	ljc
SW846 6010B	Metals Analysis (ICAP)							
	Arsenic (As), TCLP	200	U		200	ug/L	06/18/04	mad
	Barium (Ba), TCLP	884			400	ug/L	06/18/04	mad
	Cadmium (Cd), TCLP	340			20.0	ug/L	06/18/04	mad
	Chromium (Cr), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
	Lead (Pb), TCLP	200	U		200	ug/L	06/18/04	mad
	Selenium (Se), TCLP	50.0	U		50.0	ug/L	06/18/04	mad
	Silver (Ag), TCLP	20.0	U		20.0	ug/L	06/18/04	mad
SW846 8270C	Semivolatile Organics							
	Pyridine, TCLP	21	U		21	ug/L	06/17/04	caw
	1,4-Dichlorobenzene, TCLP	21	U		21	ug/L	06/17/04	caw
	2-Methylphenol (o-cresol), TCLP	21	U		21	ug/L	06/17/04	caw
	Hexachloroethane, TCLP	21	U		21	ug/L	06/17/04	caw
	4-Methylphenol (m/p-cresol), TCLP	21	U		21	ug/L	06/17/04	caw
	Nitrobenzene, TCLP	21	U		21	ug/L	06/17/04	caw
	Hexachlorobutadiene, TCLP	21	U		21	ug/L	06/17/04	caw
	2,4,6-Trichlorophenol, TCLP	21	U		21	ug/L	06/17/04	caw
	2,4,5-Trichlorophenol, TCLP	110	U		110	ug/L	06/17/04	caw
	2,4-Dinitrotoluene, TCLP	21	U		21	ug/L	06/17/04	caw
	Hexachlorobenzene, TCLP	21	U		21	ug/L	06/17/04	caw

* In Description = Dry Wgt.

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237118

Date: 07/08/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: TP-14-WC
Date Sampled.....: 06/08/2004
Time Sampled.....: 14:15
Sample Matrix.....: Soil

Laboratory Sample ID: 237118-30
Date Received.....: 06/09/2004
Time Received.....: 15:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Pentachlorophenol, TCLP	53	U		53	ug/L	06/17/04	caw
	Volatile Organics	200	U		200	ug/L	06/22/04	pcp
	Vinyl chloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,1-Dichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	2-Butanone (MEK), TCLP	200	U		200	ug/L	06/22/04	pcp
	Chloroform, TCLP	200	U		200	ug/L	06/22/04	pcp
	Carbon tetrachloride, TCLP	200	U		200	ug/L	06/22/04	pcp
	Benzene, TCLP	200	U		200	ug/L	06/22/04	pcp
	1,2-Dichloroethane, TCLP	200	U		200	ug/L	06/22/04	pcp
	Trichloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Tetrachloroethene, TCLP	200	U		200	ug/L	06/22/04	pcp
	Chlorobenzene, TCLP	200	U		200	ug/L	06/22/04	pcp

* In Description = Dry Wgt.

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STL

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www.stl-inc.com

ANALYTICAL REPORT

Job#: A04-5586

STL Project#: NY0A8535

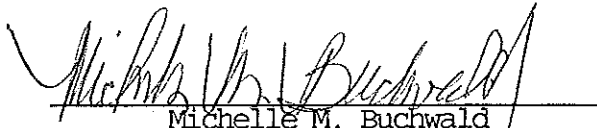
SDG#: 237118

Site Name: STL Newburgh

Task: TCLP Herbicide & Reactivity

Mr. Doug Tawse
STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550

STL Buffalo


Michelle M. Buchwald
Project Manager

06/28/2004

STL Buffalo Current Certifications

STATE	Program	Cert # / Lab ID
A2LA (ISO 17025)	SDWA, CWA, RCRA	0732-01
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Canada	GENERAL	SCC 1007-15/10B
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-4650
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390
Wyoming UST	UST	NA

METHODS SUMMARY

Job#: A04-5586STL Project#: NY0A8535SDG#: 237118Site Name: STL Newburgh

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
METHOD 8151 - TCLP HERBICIDES	SW8463 8151
H2S Released From Waste	SW8463 SECT7.3
HCN Released From Waste	SW8463 SECT7.3
Toxicity Characteristic Leaching Procedure	SW8463 1311

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Sample Data Package

Date: 06/28/2004
Time: 14:00:20

STL Buffalo
TCLP Herbicide & Pesticide Activity (Level 2)
WET CHEMISTRY ANALYSIS

Report: AN0326

Client ID Job No Sample Date		Lab ID		TP-10-WC A04-5586 06/07/2004		A4558605		TP-13-WC A04-5586 06/08/2004		A4558609		TP-14-WC A04-5586 06/08/2004		A4558610		TP-16-WC A04-5586 06/08/2004		A4558608	
Analyte		Units		Sample Value		Reporting Limit		Sample Value		Reporting Limit		Sample Value		Reporting Limit		Sample Value		Reporting Limit	
H2S Released From Waste		MG/KG		ND		10		ND		10		ND		10		ND		10	
HCN Released From Waste		MG/KG		ND		10		ND		10		ND		10		ND		10	

Client ID Job No Sample Date		Lab ID		TP-17-WC A04-5586 06/08/2004		A4558607		TP-5-WC A04-5586 06/08/2004		A4558606		TP-6-WC A04-5586 06/07/2004		A4558603		TP-7-WC A04-5586 06/07/2004		A4558602	
Analyte		Units		Sample Value		Reporting Limit		Sample Value		Reporting Limit		Sample Value		Reporting Limit		Sample Value		Reporting Limit	
H2S Released From Waste		MG/KG		ND		10		ND		10		ND		10		ND		10	
HCN Released From Waste		MG/KG		ND		10		ND		10		ND		10		ND		10	

Client ID Job No Sample Date		Lab ID		TP-8-WC A04-5586 06/07/2004		A4558601		TP-9-WC A04-5586 06/07/2004		A4558604									
Analyte		Units		Sample Value		Reporting Limit		Sample Value		Reporting Limit		Sample Value		Reporting Limit		Sample Value		Reporting Limit	
H2S Released From Waste		MG/KG		ND		10		ND		10		NA				NA			
HCN Released From Waste		MG/KG		ND		10		ND		10		NA				NA			

NA = Not Applicable ND = Not Detected

STL Buffalo

10/28

Date: 06/28/20
Time: 14:00:29

STL N gh
TCLP Herbicide & Activity (Level 2)
METHOD 8151 - TCLP HERBICIDES

pt: AN0326

Client ID Job No Sample Date		Lab ID		J-1325 A04-5586 06/07/2004		A4558611		J-1326 A04-5586 06/08/2004		A4558612		Method Blank A04-5586		A4B1132906		Method Blank A04-5586		A4B1139203	
Analyte		Units		Sample Value		Reporting Limit		Sample Value		Reporting Limit		Sample Value		Reporting Limit		Sample Value		Reporting Limit	
2,4-D		MG/L		ND		0.0020		ND		0.0020		ND		0.0020		ND		0.0020	
2,4,5-TP (silvex)		MG/L		ND		0.0020		ND		0.0020		ND		0.0020		ND		0.0020	
SURROGATE(S)																			
Dichlorophenyl Acetic Acid		%		53		12-163		3.0 *		12-163		97		12-163		43		12-163	

NA = Not Applicable ND = Not Detected

STL Buffalo

12/28

Date: 06/28/20
Time: 14:00:33

STL Buffalo
TCLP Herbicide & Reactivity (Level 2)
WET CHEMISTRY ANALYSIS

Report: AN0326

Client ID Job No Sample Date		Lab ID		Method Blank A04-5586 A4B1131702		Method Blank A04-5586 A4B1137704		Method Blank A04-5586 A4B1137706			
Analyte		Units		Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
H2S Released From Waste		MG/KG		ND	10	NA		ND	10	NA	
HCN Released From Waste		MG/KG		ND	10	ND	10	NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

14/28

Date : 06/28/14 14:00:45

STL 1

IGH

Rept: AN0364

SDG: 237118

Client Sample ID: Method Blank

Matrix Spike Blank

Matrix Spike Blk Dup

Lab Sample ID: A4B1132906

A4B1132902

A4B1132904

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			% RPD	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg		RPD	REC.
METHOD 8151 - TCLP HERBICIDES											
2,4-D	MG/L	0.00784	0.00771	0.00800	0.00800	98	96	97	2	30.0	33-192
2,4,5-TP (Silvex)	MG/L	0.00689	0.00690	0.00800	0.00800	86	86	86	0	30.0	29-179

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

STL Buffalo

16/28

Date : 06/28/ 14:00:51

STL

R6H

Rept: AN0364

SDG: 237118

Client Sample ID: Method Blank

LCS

Lab Sample ID: A4B1131702

A4B1131701

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
WET CHEMISTRY ANALYSIS					
METHOD SECTION 7.3 - REACTIVITY (CYANI	MG/KG	247.8	1000	25	10-100
METHOD SECTION 7.3 - REACTIVITY (SULFI	MG/KG	330.6	570.0	58	10-100

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

STL Buffalo

18/28

Date : 06/28/2014 14:00:51

STL N 7GH

Rept: AN0364

SDG: 237118

Client Sample ID: Method Blank

LCS

Lab Sample ID: A4B1137706

A4B1137703

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
WET CHEMISTRY ANALYSIS METHOD SECTION 7.3 - REACTIVITY (SULFI	MG/KG	411.0	570.0	72	10-100

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

STL Buffalo

20/28

Date: 06/28/20
Time: 14:01:00

STL N GH
SAMPLE C NOLOGY

pt: AN0374
age: 2

METHOD 8151 - TCLP HERBICIDES

Client Sample ID Job No & Lab Sample ID	TP-5-WC A04-5586 A4558606	TP-6-WC A04-5586 A4558603	TP-7-WC A04-5586 A4558602	TP-8-WC A04-5586 A4558601	TP-9-WC A04-5586 A4558604
Sample Date	06/08/2004 08:00	06/07/2004 12:45	06/07/2004 11:15	06/07/2004 10:30	06/07/2004 13:45
Received Date	06/11/2004 09:50	06/11/2004 09:50	06/11/2004 09:50	06/11/2004 09:50	06/11/2004 09:50
TCLP Date/Time	06/11/2004 15:30	06/11/2004 15:30	06/11/2004 15:30	06/11/2004 15:30	06/11/2004 15:30
Extraction Date	06/15/2004 07:00	06/15/2004 07:00	06/15/2004 07:00	06/15/2004 07:00	06/15/2004 07:00
Analysis Date	06/24/2004 03:06	06/24/2004 00:48	06/24/2004 00:02	06/23/2004 23:16	06/24/2004 01:34
TCLP Extraction HT Met?	YES	YES	YES	YES	YES
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	0.25 LITERS	0.25 LITERS	0.25 LITERS	0.25 LITERS	0.25 LITERS
% Dry					

NA = Not Applicable

STL Buffalo

22/28

Date: 06/28/20
Time: 14:01:00

STL N
QC SAMPLE

7GH
JNOLOGY

pt: AN0374
age: 4

METHOD 8151 - TCLP HERBICIDES

Client Sample ID Job No & Lab Sample ID	J-1325 A04-5586 A4558611	J-1326 A04-5586 A4558612	Method Blank A04-5586 A4B1132906	Method Blank A04-5586 A4B1139203	
Sample Date	06/07/2004 10:30	06/08/2004 13:45			
Received Date	06/11/2004 09:50	06/11/2004 09:50			
TCLP Date/Time	06/11/2004 15:30	06/15/2004 10:50	-	-	
Extraction Date	06/15/2004 07:00	06/16/2004 07:00	06/15/2004 07:00	06/16/2004 07:00	
Analysis Date	06/24/2004 06:57	06/25/2004 12:23	06/24/2004 13:53	06/25/2004 14:41	
TCLP Extraction HT Met?	YES	YES	-	-	
Extraction HT Met?	YES	YES	-	-	
Analytical HT Met?	YES	YES	-	-	
Sample Matrix	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW	
Dilution Factor	1.0	1.0	1.0	1.0	
Sample wt/vol	0.25 LITERS	0.25 LITERS	0.25 LITERS	0.25 LITERS	
% Dry					

NA = Not Applicable

STL Buffalo

24/28

Date: 06/28/2 14:01:05
Jobno: A04-556

STL N
QC CH. 1GH
LOGY

Rept: AN0369

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT	Matrix
A4B1131702	Method Blank	MG/KG	HCN Released From Waste	SECT7.3	1.00	-	- 09:50	NA	NA	06/14 08:00	Yes	SOIL
		MG/KG	H2S Released From Waste	SECT7.3	1.00	-	- 09:50	NA	NA	06/14 08:00	Yes	SOIL
A4B1137704	Method Blank	MG/KG	HCN Released From Waste	SECT7.3	1.00	-	- 09:50	NA	NA	06/15 08:00	Yes	SOIL
A4B1137706	Method Blank	MG/KG	H2S Released From Waste	SECT7.3	1.00	-	- 09:50	NA	NA	06/15 08:00	Yes	SOIL
A4B1131701	LCS	MG/KG	HCN Released From Waste	SECT7.3	1.00	-	- 09:50	NA	NA	06/14 08:00	Yes	SOIL
		MG/KG	H2S Released From Waste	SECT7.3	1.00	-	- 09:50	NA	NA	06/14 08:00	Yes	SOIL
A4B1137703	LCS	MG/KG	HCN Released From Waste	SECT7.3	1.00	-	- 09:50	NA	NA	06/15 08:00	Yes	SOIL
		MG/KG	H2S Released From Waste	SECT7.3	1.00	-	- 09:50	NA	NA	06/15 08:00	Yes	SOIL
A4B1137705	LCS	MG/KG	HCN Released From Waste	SECT7.3	1.00	-	- 09:50	NA	NA	06/15 08:00	Yes	SOIL
		MG/KG	H2S Released From Waste	SECT7.3	1.00	-	- 09:50	NA	NA	06/15 08:00	Yes	SOIL

AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

STL Buffalo

26/28

STL Newburgh

SUBCONTRACT LABORATORY

PROJECT MANAGER

PO#

237118

28/28

Relinquished By

Received By _____

Tel: (845) 562-0890
Fax: (845) 562-0841

Date _____

Date _____

06/11/04 09:50

Company

Company

STR-14

7.0°C

STL Burlington
Colchester, Vermont

Sample Data Summary
Package

SDG: 100771



Severn Trent Laboratories, Inc.



STL

June 23, 2004

Mr. Doug Tawse
Severn Trent Laboratories
315 Fullerton Ave.
Newburgh, NY 12550

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203 Fax: 802 655 1248
www.stl-inc.com

Re: Laboratory Project No.: 24010
Case: 24010; SDG: 100771

Dear Mr. Tawse:

Enclosed are the analytical results for samples received by STL Burlington on June 15, 2004. This report is sequentially numbered starting with page 0001 and ending with page 0164.

Laboratory ID numbers were designated as follows:

<u>Lab ID</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>Sample Matrix</u>
Received: 06/15/04 ETR No: 100771			
575872	SED-1	06/09/04	Sediment
575873	SED-2	06/09/04	Sediment
575874	SED-3	06/09/04	Sediment
575874MS	SED-3MS	06/09/04	Sediment
575874DP	SED-3REP	06/09/04	Sediment
575875	SED-4	06/09/04	Sediment
575876	SED-5	06/09/04	Sediment
575993	SED-6	06/09/04	Sediment

Documentation of the condition of the samples at the time of their receipt and any exceptions to the laboratory's Sample Acceptance Policy is included in the Sample Handling section of this submittal.

Total Organic Carbon (TOC) by the Lloyd Kahn Method:

To more accurately report low level concentrations of Total Organic Carbon (TOC), the laboratory recalculates low level chromatographic peak areas using a low level calibration derived from two points (0,0) and the lowest point in the original calibration. The criterion to reprocess data is defined as the peak area in the lowest point of the calibration. The analyses of all blank samples that were performed on 6/18/04 were reprocessed accordingly.

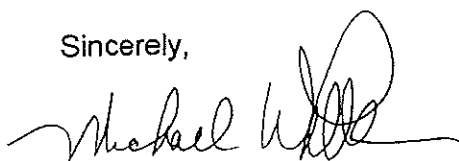
The analysis of the replicate sample SED-3REP exhibited a relative percent difference that exceeded the control limits (0-20%) at 27%. The laboratory suspects this anomaly is due to the nature of the matrix.

0001A

The analytical results presented in this data report were generated under a quality system that adheres to the requirements specified in the NELAC standard. This report shall not be reproduced, except in full, without the written approval of the laboratory. The release of the data in this report is authorized by the Laboratory Director or his designee, as verified by the following signature.

If there are any questions regarding this test report, please contact Ron Pentkowski at (802) 655-1203.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Wheeler", with a large, stylized loop at the end.

Michael F. Wheeler, Ph.D.
Laboratory Director

Enclosure

STL

STL Newburgh

PROJECT MANAGER *J. Tause*

PO# 237194

Relinquished By

Received By

Tel: (845) 562-0890
Fax: (845) 562-0841

Date _____

Date _____

Company

Company



STL

**Sample Data Summary Package
For Wet Chemistry**

WET CHEMISTRY

Sample Report Summary

SED-1

Contract: 237194

Case No.: 24010

Client: STLNYN

% Solids: 47.0

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	06/17/04	N/A	%	1.0		47.0	
IN847	TOC by Lloyd Kahn	06/18/04	BLKLK0618A	mg/Kg	1	1060	70700	

WET CHEMISTRY

Sample Report Summary

Client Sample No.

SED-2

Lab Name: STL BURLINGTON

Contract: 237194

SDG No.: 100771

Lab Code: STLVT

Case No.: 24010

Lab Sample ID: 575873

Matrix: SEDIMENT

Client: STLNYN

Date Received: 06/15/04

% Solids: 46.9

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	06/17/04	N/A	%	1.0		46.9	
IN847	TOC by Lloyd Kahn	06/18/04	BLKLN0618A	mg/Kg	1	1070	52300	

WET CHEMISTRY

Sample Report Summary

Client Sample No.

SED-3

Lab Name: STL BURLINGTON

Contract: 237194

SDG No.: 100771

Lab Code: STLVT

Case No.: 24010

Lab Sample ID: 575874

Matrix: SEDIMENT

Client: STLNYN

Date Received: 06/15/04

% Solids: 43.5

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	06/17/04	N/A	%	1.0		43.5	
IN847	TOC by Lloyd Kahn	06/18/04	BLKLK0618A	mg/Kg	1	1150	51700	

WET CHEMISTRY

Sample Report Summary

Client Sample No.

SED-4

Lab Name: STL BURLINGTON

Contract: 237194

SDG No.: 100771

Lab Code: STLVT

Case No.: 24010

Lab Sample ID: 575875

Matrix: SEDIMENT

Client: STLNYN

Date Received: 06/15/04

% Solids: 48.8

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	06/17/04	N/A	%	1.0		48.8	
IN847	TOC by Lloyd Kahn	06/18/04	BLK0618A	mg/Kg	1	1020	53100	

WET CHEMISTRY

Sample Report Summary

Client Sample No.

SED-5

Lab Name: STL BURLINGTON

Contract: 237194

SDG No.: 100771

Lab Code: STLVT

Case No.: 24010

Lab Sample ID: 575876

Matrix: SEDIMENT

Client: STLNYN

Date Received: 06/15/04

% Solids: 46.0

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	06/17/04	N/A	%	1.0		46.0	
IN847	TOC by Lloyd Kahn	06/18/04	BLKCLK0618A	mg/Kg	1	1090	57800	

WET CHEMISTRY

Sample Report Summary

Client Sample No.

SED-6

Lab Name: STL BURLINGTON

Contract: 237194

SDG No.: 100771

Lab Code: STLVT

Case No.: 24010

Lab Sample ID: 575993

Matrix: SEDIMENT

Client: STLNYN

Date Received: 06/15/04

% Solids: 46.0

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	06/17/04	N/A	%	1.0		46.0	
IN847	TOC by Lloyd Kahn	06/18/04	BLKLG0618A	mg/Kg	1	1090	69300	

WET CHEMISTRY

Method Blank Report Summary

Lab Name: STL BURLINGTON

Contract: 237194

SDG No.: 100771

Lab Code: STLVT

Case No.: 24010

Matrix: SOIL

Client: STLNYN

% Solids:

Lab Sample ID	Method	Parameter	Conc.	Units	Qual.	DF	RL	Analytical Run Date	Analytical Batch
BLK0618A	IN847	TOC by Lloyd Kahn	500	mg/Kg	U	1	500	06/18/04	BLK0618A

WET CHEMISTRY

Matrix Spike Sample Report Summary

Client Sample No.

SED-3MS

Lab Name: STL BURLINGTON

Contract: 237194

SDG No.: 100771

Lab Code: STLVT

Case No.: 24010

Lab Sample ID: 575874MS

Matrix: SEDIMENT

Client: STLNYN

Date Received: 06/15/04

% Solids: 43.5

Method	Parameter	Analytical Run Date	Analytical Batch	Units	Matrix Spike Result		Sample Result		Spike Added	% Recovery*
					Conc.	Qual.	Conc.	Qual.		
IN847	TOC by Lloyd Kahn	06/18/04	BLKLLK0618A	mg/Kg	185300		51700		128000	105

* Control Limit for Percent Recovery is 75-125%, unless otherwise specified.

WET CHEMISTRY

Duplicate Sample Report Summary

Client Sample No.

SED-3REP

Lab Name: STL BURLINGTON

Contract: 237194

SDG No.: 100771

Lab Code: STLVT

Case No.: 24010

Lab Sample ID: 575874DP

Matrix: SEDIMENT

Client: STLNYN

Date Received: 06/15/04

% Solids: 44.8

Method	Parameter	Analytical Run Date	Analytical Batch	Units	Sample Result Conc.	Sample Result Qual.	Duplicate Sample Result Conc.	Duplicate Sample Result Qual.	RPD*
IN623	Solids, Percent	06/17/04	N/A	%	43.5		44.8		3
IN847	TOC by Lloyd Kahn	06/18/04	BLKLN0618A	mg/Kg	51700		67900		27

* Control Limit for RPD is +/- 20%, unless otherwise specified.

Printed on: 06/22/04 10:54 AM

WET CHEMISTRY
Laboratory Control Sample Report Summary

Lab Name: STL BURLINGTON

Contract: 237194

SDG No.: 100771

Lab Code: STLVT

Case No.: 24010

Matrix: SOIL

Client: STLNYN

% Solids:

Lab Sample ID	Method	Parameter	Analytical Run Date	Analytical Batch	Units	LCS Conc.	True Value	% Recovery*
LCSLK0618A	IN847	TOC by Lloyd Kahn	06/18/04	BLKLK0618A	mg/Kg	8290	8500	98

* Control Limit for Percent Recovery is 85-115%, unless otherwise specified.

WET CHEMISTRY

Sample Report Summary

Client Sample No.

SED-1

Lab Name: STL BURLINGTON

Contract: 237194

SDG No.: 100771

Lab Code: STLVT

Case No.: 24010

Lab Sample ID: 575872

Matrix: SEDIMENT

Client: STLNYN

Date Received: 06/15/04

% Solids: 47.0

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	06/17/04	N/A	%	1.0		47.0	
IN847	TOC by Lloyd Kahn	06/18/04	BLKLK0618A	mg/Kg	1	1060	70700	

WET CHEMISTRY

Sample Report Summary

Client Sample No.

SED-2

Lab Name: STL BURLINGTON

Contract: 237194

SDG No.: 100771

Lab Code: STLVT

Case No.: 24010

Lab Sample ID: 575873

Matrix: SEDIMENT

Client: STLNYN

Date Received: 06/15/04

% Solids: 46.9

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	06/17/04	N/A	%	1.0		46.9	
IN847	TOC by Lloyd Kahn	06/18/04	BLKLK0618A	mg/Kg	1	1070	52300	

WET CHEMISTRY

Sample Report Summary

SED-3

SDG No.: 100771

Lab Sample ID: 575874

Date Received: 06/15/04

% Solids: 43.5

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	06/17/04	N/A	%	1.0		43.5	
IN847	TOC by Lloyd Kahn	06/18/04	BLK0618A	mg/Kg	1	1150	51700	

WET CHEMISTRY

Sample Report Summary

Client Sample No.

SED-4

Lab Name: STL BURLINGTON

Contract: 237194

SDG No.: 100771

Lab Code: STLVT

Case No.: 24010

Lab Sample ID: 575875

Matrix: SEDIMENT

Client: STLNYN

Date Received: 06/15/04

% Solids: 48.8

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	06/17/04	N/A	%	1.0		48.8	
IN847	TOC by Lloyd Kahn	06/18/04	BLKCLK0618A	mg/Kg	1	1020	53100	

WET CHEMISTRY

Sample Report Summary

Client Sample No.

SED-5

Lab Name: STL BURLINGTON

Contract: 237194

SDG No.: 100771

Lab Code: STLVT

Case No.: 24010

Lab Sample ID: 575876

Matrix: SEDIMENT

Client: STLNYN

Date Received: 06/15/04

% Solids: 46.0

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	06/17/04	N/A	%	1.0		46.0	
IN847	TOC by Lloyd Kahn	06/18/04	BLK0618A	mg/Kg	1	1090	57800	

WET CHEMISTRY

Sample Report Summary

Client Sample No.

SED-6

Lab Name: STL BURLINGTON

Contract: 237194

SDG No.: 100771

Lab Code: STLVT

Case No.: 24010

Lab Sample ID: 575993

Matrix: SEDIMENT

Client: STLNYN

Date Received: 06/15/04

% Solids: 46.0

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	06/17/04	N/A	%	1.0		46.0	
IN847	TOC by Lloyd Kahn	06/18/04	BLKCLK0618A	mg/Kg	1	1090	69300	

WET CHEMISTRY

Method Blank Report Summary

Lab Name: STL BURLINGTON

Contract: 237194

SDG No.: 100771

Lab Code: STLVT

Case No.: 24010

Matrix: SOIL

Client: STLNYN

% Solids:

Lab Sample ID	Method	Parameter	Conc.	Units	Qual.	DF	RL	Analytical Run Date	Analytical Batch
BLKLK0618A	IN847	TOC by Lloyd Kahn	500	mg/Kg	U	1	500	06/18/04	BLKLK0618A

WET CHEMISTRY

Matrix Spike Sample Report Summary

Client Sample No.

SED-3MS

Lab Name: STL BURLINGTON

Contract: 237194

SDG No.: 100771

Lab Code: STLVT

Case No.: 24010

Lab Sample ID: 575874MS

Matrix: SEDIMENT

Client: STLNYN

Date Received: 06/15/04

% Solids: 43.5

Method	Parameter	Analytical Run Date	Analytical Batch	Units	Matrix Spike Result		Sample Result		Spike Added	% Recovery*
					Conc.	Qual.	Conc.	Qual.		
IN847	TOC by Lloyd Kahn	06/18/04	BLK0618A	mg/Kg	185300		51700		128000	105

* Control Limit for Percent Recovery is 75-125%, unless otherwise specified.

WET CHEMISTRY

Duplicate Sample Report Summary

Client Sample No.

SED-3REP

Lab Name: STL BURLINGTON

Contract: 237194

SDG No.: 100771

Lab Code: STLVT

Case No.: 24010

Lab Sample ID: 575874DP

Matrix: SEDIMENT

Client: STLNYN

Date Received: 06/15/04

% Solids: 44.8

Method	Parameter	Analytical Run Date	Analytical Batch	Units	Sample Result Conc.	Sample Result Qual.	Duplicate Sample Result Conc.	Duplicate Sample Result Qual.	RPD*
IN623	Solids, Percent	06/17/04	N/A	%	43.5		44.8		3
IN847	TOC by Lloyd Kahn	06/18/04	BLKLK0618A	mg/Kg	51700		67900		27

* Control Limit for RPD is +/- 20%, unless otherwise specified.

WET CHEMISTRY

Laboratory Control Sample Report Summary

Lab Name: STL BURLINGTON

Contract: 237194

SDG No.: 100771

Lab Code: STLVT

Case No.: 24010

Matrix: SOIL

Client: STLNYN

% Solids:

Lab Sample ID	Method	Parameter	Analytical Run Date	Analytical Batch	Units	LCS Conc.	True Value	% Recovery*
LCSLK0618A	IN847	TOC by Lloyd Kahn	06/18/04	BLKLK0618A	mg/Kg	8290	8500	98

* Control Limit for Percent Recovery is 85-115%, unless otherwise specified.

6

6



SAMPLE DATA SUMMARY PACKAGE

InteGreyted International, LLC

Syracuse, NY

Project: Cooper 0310025P

STL Lab. #: 237194

Matrix: Soil & Water

1 of 2

SAMPLE INFORMATION

Date: 07/06/2004

Job Number.: 237194
 Customer....: InteGreyted International, LLC
 Attn.....: Mark Schumacher

Project Number.....: 20001335
 Customer Project ID....: COOPER 0310025P
 Project Description....: Cooper/C-H

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
237194-1	SW-1	Surf. Water	06/09/2004	10:15	06/11/2004	14:20
237194-2	SW-2	Surf. Water	06/09/2004	11:45	06/11/2004	14:20
237194-3	SW-3	Surf. Water	06/09/2004	14:45	06/11/2004	14:20
237194-4	SW-4	Surf. Water	06/09/2004	15:37	06/11/2004	14:20
237194-5	SW-5	Surf. Water	06/09/2004	14:45	06/11/2004	14:20
237194-6	L-1	Surf. Water	06/09/2004	13:00	06/11/2004	14:20
237194-7	SS-1	Soil	06/09/2004	11:20	06/11/2004	14:20
237194-8	SS-2	Soil	06/09/2004	10:30	06/11/2004	14:20
237194-9	SS-3	Soil	06/09/2004	10:00	06/11/2004	14:20
237194-10	SS-4	Soil	06/09/2004	13:05	06/11/2004	14:20
237194-11	SS-5	Soil	06/09/2004	13:00	06/11/2004	14:20
237194-12	SED-1	Sediment	06/09/2004	10:15	06/11/2004	14:20
237194-13	SED-2	Sediment	06/09/2004	11:45	06/11/2004	14:20
237194-14	SED-3	Sediment	06/09/2004	14:45	06/11/2004	14:20
237194-15	SED-4	Sediment	06/09/2004	15:30	06/11/2004	14:20
237194-16	SED-5	Sediment	06/09/2004	14:45	06/11/2004	14:20
237194-17	SED-6	Sediment	06/09/2004	10:40	06/11/2004	14:20
237194-18	TRIP		06/09/2004	00:00	06/11/2004	14:20
237194-19	L-2	Surf. Water	06/10/2004	08:00	06/11/2004	14:20
237194-20	SS-6	Soil	06/10/2004	08:00	06/11/2004	14:20
237194-21	SS-7	Soil	06/10/2004	08:15	06/11/2004	14:20
237194-22	SS-8	Soil	06/10/2004	08:45	06/11/2004	14:20
237194-23	SS-9	Soil	06/10/2004	09:00	06/11/2004	14:20
237194-24	SS-10	Soil	06/10/2004	09:15	06/11/2004	14:20

STL Newburgh is a page 1 of 1
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LABORATORY CHRONICLE

Job Number: 237194

Date: 07/06/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237194-1	Client ID: SW-1	Date Recvd: 06/11/2004	Sample Date: 06/09/2004		
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED DILUTION
SW846 5030(5mL)	5030 5 mL Purge Prep	1	70840		
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	70033		06/16/2004 1415
SM18 4500CNE	Cyanide, Total	1	70287		06/16/2004 1400
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	70210		
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	70211		
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	70209		
EPA 245.1	Mercury (CVAA)	1	70900		06/27/2004 1211
EPA 200.7	Metals Analysis (ICP)	1	70713	70033	06/23/2004 1241
SW846 8081A	Organochlorine Pesticide Analysis	1	71135		06/25/2004 0000
SW846 8082	PCB Analysis	1	71139		06/25/2004 0000 1.333
LAC 10210001A	Phenolics, Total Recoverable	1	70978		06/16/2004 0420
QA Services	Quality Assurance Services	1			
QA Services	Quality Assurance Services	1	71146		
QA Services	Quality Assurance Services	1	71181		
QA Services	Quality Assurance Services	1	71214		07/01/2004 0000
EPA 270.2	Selenium (GFAA)	1	70587		06/22/2004 1000
SW846 8270C	Semivolatile Organics	1	71383		06/23/2004 0032 1
SW846 8260B	Volatile Organics	1	71367		

Lab ID: 237194-2	Client ID: SW-2	Date Recvd: 06/11/2004	Sample Date: 06/09/2004		
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED DILUTION
SW846 5030(5mL)	5030 5 mL Purge Prep	1	70840		
PA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	70033		06/16/2004 1415
SM18 4500CNE	Cyanide, Total	1	70287		06/16/2004 1400
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	70210		
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	70211		
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	70209		
EPA 245.1	Mercury (CVAA)	1	70900		06/27/2004 1213
EPA 200.7	Metals Analysis (ICP)	1	70713	70033	06/23/2004 1245
SW846 8081A	Organochlorine Pesticide Analysis	1	71135		06/25/2004 0000
SW846 8082	PCB Analysis	1	71139		06/25/2004 0000 1.123
LAC 10210001A	Phenolics, Total Recoverable	1	70978		06/16/2004 0420
QA Services	Quality Assurance Services	1			
QA Services	Quality Assurance Services	1	71146		
QA Services	Quality Assurance Services	1	71181		
QA Services	Quality Assurance Services	1	71214		
EPA 270.2	Selenium (GFAA)	1	70579	70033	06/21/2004 1205
SW846 8270C	Semivolatile Organics	1	71383		06/23/2004 0108 1
SW846 8260B	Volatile Organics	1	71367		

Lab ID: 237194-3	Client ID: SW-3	Date Recvd: 06/11/2004	Sample Date: 06/09/2004		
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED DILUTION
SW846 5030(5mL)	5030 5 mL Purge Prep	1	70840		
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	70033		06/16/2004 1415
SM18 4500CNE	Cyanide, Total	1	70287		06/16/2004 1400
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	70210		
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	70211		
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	70209		
EPA 245.1	Mercury (CVAA)	1	70900		06/27/2004 1219
EPA 200.7	Metals Analysis (ICP)	1	70713	70033	06/23/2004 1249
SW846 8081A	Organochlorine Pesticide Analysis	1	71135		06/25/2004 0000
SW846 8082	PCB Analysis	1	71139		06/26/2004 0000 1.176
LAC 10210001A	Phenolics, Total Recoverable	1	70978		06/16/2004 0420
QA Services	Quality Assurance Services	1			
QA Services	Quality Assurance Services	1	71146		

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SEVERN **STL**
TRENT

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY CHRONICLE

Job Number: 237194

Date: 07/06/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237194-3	Client ID: SW-3	Date Recvd: 06/11/2004	Sample Date: 06/09/2004
METHOD	DESCRIPTION	RUN#	BATCH#
QA Services	Quality Assurance Services	1	71181
QA Services	Quality Assurance Services	1	71214
EPA 270.2	Selenium (GFAA)	1	70579
SWB46 8270C	Semivolatile Organics	1	71383
SWB46 8260B	Volatile Organics	1	71367

Lab ID: 237194-4	Client ID: SW-4	Date Recvd: 06/11/2004	Sample Date: 06/09/2004
METHOD	DESCRIPTION	RUN#	BATCH#
SWB46 5030(5mL)	5030 5 mL Purge Prep	1	70840
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	70033
SM18 4500CNE	Cyanide, Total	1	70287
SWB46 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	70210
SWB46 3510C	Extraction Sep. Funnel (PCBs)	1	70211
SWB46 3510C	Extraction Sep. Funnel (SVOC)	1	70209
EPA 245.1	Mercury (CVAA)	1	70900
EPA 200.7	Metals Analysis (ICP)	1	70713
SWB46 8081A	Organochlorine Pesticide Analysis	1	71135
SWB46 8082	PCB Analysis	1	71139
LAC 10210001A	Phenolics, Total Recoverable	1	70978
QA Services	Quality Assurance Services	1	71146
QA Services	Quality Assurance Services	1	71181
QA Services	Quality Assurance Services	1	71214
QA Services	Quality Assurance Services	1	71214
EPA 270.2	Selenium (GFAA)	1	70579
SWB46 8270C	Semivolatile Organics	1	71383
SWB46 8260B	Volatile Organics	1	71367

Lab ID: 237194-5	Client ID: SW-5	Date Recvd: 06/11/2004	Sample Date: 06/09/2004
METHOD	DESCRIPTION	RUN#	BATCH#
SWB46 5030(5mL)	5030 5 mL Purge Prep	1	70840
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	70033
SM18 4500CNE	Cyanide, Total	1	70287
SWB46 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	70210
SWB46 3510C	Extraction Sep. Funnel (PCBs)	1	70211
SWB46 3510C	Extraction Sep. Funnel (SVOC)	1	70209
EPA 245.1	Mercury (CVAA)	1	70900
EPA 200.7	Metals Analysis (ICP)	1	70713
SWB46 8081A	Organochlorine Pesticide Analysis	1	71135
SWB46 8082	PCB Analysis	1	71139
LAC 10210001A	Phenolics, Total Recoverable	1	70978
QA Services	Quality Assurance Services	1	71146
QA Services	Quality Assurance Services	1	71181
QA Services	Quality Assurance Services	1	71214
QA Services	Quality Assurance Services	1	71214
EPA 270.2	Selenium (GFAA)	1	70579
SWB46 8270C	Semivolatile Organics	1	71383
SWB46 8260B	Volatile Organics	1	71367

Lab ID: 237194-6	Client ID: L-1	Date Recvd: 06/11/2004	Sample Date: 06/09/2004
METHOD	DESCRIPTION	RUN#	BATCH#
SWB46 5030(5mL)	5030 5 mL Purge Prep	1	70840
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	70033
SM18 4500CNE	Cyanide, Total	1	70287
SWB46 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	70210
SWB46 3510C	Extraction Sep. Funnel (PCBs)	1	70211

LABORATORY CHRONICLE

Job Number: 237194

Date: 07/06/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237194-6 Client ID: L-1		Date Recvd: 06/11/2004 Sample Date: 06/09/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED DILUTION
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	70209		
EPA 245.1	Mercury (CVAA)	1	70900		06/27/2004 1229
EPA 200.7	Metals Analysis (ICP)	1	70713	70033	06/23/2004 1335
SW846 8081A	Organochlorine Pesticide Analysis	1	71135		06/25/2004 0000
SW846 8082	PCB Analysis	1	71139		06/26/2004 0000 1.123
LAC 10210001A	Phenolics, Total Recoverable	1	70978		06/16/2004 0420
QA Services	Quality Assurance Services	1			
QA Services	Quality Assurance Services	1	71146		
QA Services	Quality Assurance Services	1	71181		
QA Services	Quality Assurance Services	1	71214		
EPA 270.2	Selenium (GFAA)	1	70579	70033	06/21/2004 1314
SW846 8270C	Semivolatile Organics	1	71383		06/23/2004 0329 1
SW846 8260B	Volatile Organics	1	71367		

Lab ID: 237194-7 Client ID: SS-1		Date Recvd: 06/11/2004 Sample Date: 06/09/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842		
SW846 3050B	Acid Digestion (GFAA) Solids	1	70032		06/15/2004 1340
SW846 3050B	Acid Digestion (ICP) Solids	1	70031		06/15/2004 1340
SW846 9010B	Cyanide, Total	1	70797		06/21/2004 0750
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70709		
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70710		
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70708		
SW846 7471A	Mercury (CVAA) Solids	1	70538	70537	06/18/2004 1145
SW846-7471	Mercury Soil Digestion	1	70537		06/17/2004 1330
SW846 6010B	Metals Analysis (ICAP)	1	70654	70031	06/22/2004 1826
SW846 8081A	Organochlorine Pesticide Analysis	1	71212		06/29/2004 0000
SW846 8082	PCB Analysis	1	71155		06/27/2004 0000 0.9891
SW846 8082	PCB Analysis	2	71215		06/29/2004 0000 10
QA Services	Quality Assurance Services	1			
QA Services	Quality Assurance Services	1	71146		
QA Services	Quality Assurance Services	1	71181		
QA Services	Quality Assurance Services	1	71214		
SW846 7740	Selenium (GFAA)	1	70595	70032	06/21/2004 1402
SW846 8270C	Semivolatile Organics	1	71153		
EPA 160.3	Solids, Total	1	70428		06/15/2004 0000
SW846 8260B	Volatile Organics	1	71367		

Lab ID: 237194-8 Client ID: SS-2		Date Recvd: 06/11/2004 Sample Date: 06/09/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842		
SW846 3050B	Acid Digestion (GFAA) Solids	1	70032		06/15/2004 1340
SW846 3050B	Acid Digestion (ICP) Solids	1	70031		06/15/2004 1340
SW846 9010B	Cyanide, Total	1	70797		06/21/2004 0750
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70709		
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70710		
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70708		
SW846 7471A	Mercury (CVAA) Solids	1	70538	70537	06/18/2004 1147
SW846-7471	Mercury Soil Digestion	1	70537		06/17/2004 1330
SW846 6010B	Metals Analysis (ICAP)	1	70654	70031	06/22/2004 1848
SW846 8081A	Organochlorine Pesticide Analysis	1	71212		06/29/2004 0000
SW846 8082	PCB Analysis	1	71155		06/27/2004 0000 0.9791
QA Services	Quality Assurance Services	1			
QA Services	Quality Assurance Services	1	71146		
QA Services	Quality Assurance Services	1	71181		

STL Newburgh is a page 5 of 5 page Trent Laboratories, Inc.

SEVERN
TRENT STL

NYSDOH 10142

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CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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Newburgh, NY 12550
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LABORATORY CHRONICLE

Job Number: 237194

Date: 07/06/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0318025P

ATTN: Mark Schumacher

Lab ID: 237194-8	Client ID: SS-2	Date Recvd: 06/11/2004	Sample Date: 06/09/2004		
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED DILUTION
QA Services	Quality Assurance Services	1	71214		
SW846 7740	Selenium (GFAA)	1	70595	70032	06/21/2004 1442
SW846 8270C	Semivolatile Organics	1	71153		
EPA 160.3	Solids, Total	1	70428		06/15/2004 0000
SW846 8260B	Volatile Organics	1	71367		
Lab ID: 237194-9	Client ID: SS-3	Date Recvd: 06/11/2004	Sample Date: 06/09/2004		
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842		
SW846 3050B	Acid Digestion (GFAA) Solids	1	70344		06/18/2004 1450
SW846 3050B	Acid Digestion (ICP) Solids	1	70343		06/18/2004 1450
SW846 9010B	Cyanide, Total	1	71022		06/28/2004 1030
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70709		
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70710		
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70708		
SW846 7471A	Mercury (CVAA) Solids	1	71089	71088	06/29/2004 2356
SW846-7471	Mercury Soil Digestion	1	71088		06/29/2004 2015
SW846 6010B	Metals Analysis (ICAP)	1	70666	70343	06/22/2004 1123
SW846 8081A	Organochlorine Pesticide Analysis	1	71212		06/29/2004 0000
SW846 8082	PCB Analysis	1	71155		06/27/2004 0000 0.9836
QA Services	Quality Assurance Services	1			
QA Services	Quality Assurance Services	1	71146		
QA Services	Quality Assurance Services	1	71181		
QA Services	Quality Assurance Services	1	71214		
SW846 7740	Selenium (GFAA)	1	70596	70344	06/21/2004 1721
SW846 8270C	Semivolatile Organics	1	71153		
EPA 160.3	Solids, Total	1	70446		06/17/2004 0000
SW846 8260B	Volatile Organics	1	71367		
Lab ID: 237194-10	Client ID: SS-4	Date Recvd: 06/11/2004	Sample Date: 06/09/2004		
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842		
SW846 3050B	Acid Digestion (GFAA) Solids	1	70032		06/15/2004 1340
SW846 3050B	Acid Digestion (ICP) Solids	1	70031		06/15/2004 1340
SW846 9010B	Cyanide, Total	1	70797		06/21/2004 0750
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70709		
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70710		
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70708		
SW846 7471A	Mercury (CVAA) Solids	1	70538	70537	06/18/2004 1149
SW846-7471	Mercury Soil Digestion	1	70537		06/17/2004 1330
SW846 6010B	Metals Analysis (ICAP)	1	70654	70031	06/22/2004 1852
SW846 8081A	Organochlorine Pesticide Analysis	1	71212		06/29/2004 0000
SW846 8082	PCB Analysis	1	71155		06/27/2004 0000 0.9712
QA Services	Quality Assurance Services	1			
QA Services	Quality Assurance Services	1	71146		
QA Services	Quality Assurance Services	1	71181		
QA Services	Quality Assurance Services	1	71214		
SW846 7740	Selenium (GFAA)	1	70595	70032	06/21/2004 1452
SW846 8270C	Semivolatile Organics	1	71153		
EPA 160.3	Solids, Total	1	70428		06/15/2004 0000
SW846 8260B	Volatile Organics	1	71367		
Lab ID: 237194-11	Client ID: SS-5	Date Recvd: 06/11/2004	Sample Date: 06/09/2004		
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842		

LABORATORY CHRONICLE

Job Number: 237194

Date: 07/06/2004

CUSTOMER: Integrated International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237194-11 Client ID: SS-5 Date Recvd: 06/11/2004 Sample Date: 06/09/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 3050B	Acid Digestion (GFAA) Solids	1	70032			06/15/2004 1340	
SW846 3050B	Acid Digestion (ICP) Solids	1	70031			06/15/2004 1340	
SW846 9010B	Cyanide, Total	1	70797			06/21/2004 0750	
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70709				
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70710				
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70708				
SW846 7471A	Mercury (CVAA) Solids	1	70538	70537		06/18/2004 1151	
SW846-7471	Mercury Soil Digestion	1	70537			06/17/2004 1330	
SW846 6010B	Metals Analysis (ICAP)	1	70654	70031		06/22/2004 1857	
SW846 8081A	Organochlorine Pesticide Analysis	1	71212			06/29/2004 0000	
SW846 8082	PCB Analysis	1	71155			06/27/2004 0000	0.9846
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	71146				
QA Services	Quality Assurance Services	1	71181				
QA Services	Quality Assurance Services	1	71214				
SW846 7740	Selenium (GFAA)	1	70595	70032		06/21/2004 1502	
SW846 8270C	Semivolatile Organics	1	71153				
EPA 160.3	Solids, Total	1	70428			06/15/2004 0000	
SW846 8260B	Volatile Organics	1	71367				

Lab ID: 237194-12 Client ID: SED-1 Date Recvd: 06/11/2004 Sample Date: 06/09/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842				
SW846 3050B	Acid Digestion (GFAA) Solids	1	70032			06/15/2004 1340	
SW846 3050B	Acid Digestion (ICP) Solids	1	70031			06/15/2004 1340	
SW846 9010B	Cyanide, Total	1	70797			06/21/2004 0750	
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70709				
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70710				
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70708				
SW846 7471A	Mercury (CVAA) Solids	1	70538	70537		06/18/2004 1153	
SW846-7471	Mercury Soil Digestion	1	70537			06/17/2004 1330	
SW846 6010B	Metals Analysis (ICAP)	1	70654	70031		06/22/2004 1922	
SW846 8081A	Organochlorine Pesticide Analysis	1	71212			06/29/2004 0000	
SW846 8082	PCB Analysis	1	71155			06/27/2004 0000	0.9921
SW846 8082	PCB Analysis	2	71215			06/29/2004 0000	10
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	71146				
QA Services	Quality Assurance Services	1	71181				
QA Services	Quality Assurance Services	1	71214				
SW846 7740	Selenium (GFAA)	1	70595	70032		06/21/2004 1521	
SW846 8270C	Semivolatile Organics	1	71153				
EPA 160.3	Solids, Total	1	70428			06/15/2004 0000	
LLOYD Kahn	Total Organic Carbon (Soils)	1	70737				
SW846 8260B	Volatile Organics	1	71367				

Lab ID: 237194-13 Client ID: SED-2 Date Recvd: 06/11/2004 Sample Date: 06/09/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842				
SW846 3050B	Acid Digestion (GFAA) Solids	1	70032			06/15/2004 1340	
SW846 3050B	Acid Digestion (ICP) Solids	1	70031			06/15/2004 1340	
SW846 9010B	Cyanide, Total	1	70823			06/22/2004 0800	
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70709				
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70710				
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70708				
SW846 7471A	Mercury (CVAA) Solids	1	70538	70537		06/18/2004 1156	

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LABORATORY CHRONICLE

Job Number: 237194

Date: 07/06/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237194-13 Client ID: SED-2

Date Recvd: 06/11/2004 Sample Date: 06/09/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846-7471	Mercury Soil Digestion	1	70537			06/17/2004 1330	
SW846 6010B	Metals Analysis (ICAP)	1	70654	70031		06/22/2004 1927	
SW846 8081A	Organochlorine Pesticide Analysis	1	71212			06/29/2004 0000	
SW846 8082	PCB Analysis	1	71155			06/27/2004 0000	0.9970
SW846 8082	PCB Analysis	2	71215			06/29/2004 0000	10
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	71146				
QA Services	Quality Assurance Services	1	71181				
QA Services	Quality Assurance Services	1	71214				
SW846 7740	Selenium (GFAA)	1	70595	70032		06/21/2004 1531	
SW846 8270C	Semivolatile Organics	1	71153				
EPA 160.3	Solids, Total	1	70428			06/15/2004 0000	
LLOYD Kahn	Total Organic Carbon (Soils)	1	70737				
SW846 8260B	Volatile Organics	1	71367				

Lab ID: 237194-14 Client ID: SED-3

Date Recvd: 06/11/2004 Sample Date: 06/09/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842				
SW846 3050B	Acid Digestion (GFAA) Solids	1	70344			06/18/2004 1450	
SW846 3050B	Acid Digestion (ICP) Solids	1	70343			06/18/2004 1450	
SW846 9010B	Cyanide, Total	1	70823			06/22/2004 0800	
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70709				
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70710				
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70708				
SW846 7471A	Mercury (CVAA) Solids	1	71089	71088		06/29/2004 2358	
SW846-7471	Mercury Soil Digestion	1	71088			06/29/2004 2015	
SW846 6010B	Metals Analysis (ICAP)	1	70666	70343		06/22/2004 1127	
SW846 8081A	Organochlorine Pesticide Analysis	1	71212			06/29/2004 0000	
SW846 8082	PCB Analysis	1	71155			06/27/2004 0000	0.9885
SW846 8082	PCB Analysis	2	71215			06/29/2004 0000	10
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	71146				
QA Services	Quality Assurance Services	1	71181				
QA Services	Quality Assurance Services	1	71214				
SW846 7740	Selenium (GFAA)	1	70596	70344		06/21/2004 1731	
SW846 8270C	Semivolatile Organics	1	71153				
EPA 160.3	Solids, Total	1	70446			06/17/2004 0000	
LLOYD Kahn	Total Organic Carbon (Soils)	1	70737				
SW846 8260B	Volatile Organics	1	71367				

Lab ID: 237194-15 Client ID: SED-4

Date Recvd: 06/11/2004 Sample Date: 06/09/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842				
SW846 3050B	Acid Digestion (GFAA) Solids	1	70032			06/15/2004 1340	
SW846 3050B	Acid Digestion (ICP) Solids	1	70031			06/15/2004 1340	
SW846 9010B	Cyanide, Total	1	70823			06/22/2004 0800	
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70709				
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70710				
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70708				
SW846 7471A	Mercury (CVAA) Solids	1	70538	70537		06/18/2004 1158	
SW846-7471	Mercury Soil Digestion	1	70537			06/17/2004 1330	
SW846 6010B	Metals Analysis (ICAP)	1	70654	70031		06/22/2004 1931	
SW846 8081A	Organochlorine Pesticide Analysis	1	71212			06/29/2004 0000	
SW846 8082	PCB Analysis	1	71155			06/27/2004 0000	0.9702
SW846 8082	PCB Analysis	2	71215			06/29/2004 0000	10

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LABORATORY CHRONICLE

Job Number: 237194

Date: 07/06/2004

CUSTOMER: Integreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237194-15	Client ID: SED-4	Date Recvd: 06/11/2004	Sample Date: 06/09/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED DILUTION
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	71146			
QA Services	Quality Assurance Services	1	71181			
QA Services	Quality Assurance Services	1	71214			
SW846 7740	Selenium (GFAA)	1	70595	70032		06/21/2004 1541
SW846 8270C	Semivolatile Organics	1	71153			
EPA 160.3	Solids, Total	1	70428			06/15/2004 0000
LLOYD Kahn	Total Organic Carbon (Soils)	1	70737			
SW846 8260B	Volatile Organics	1	71367			

Lab ID: 237194-16	Client ID: SED-5	Date Recvd: 06/11/2004	Sample Date: 06/09/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842			
SW846 3050B	Acid Digestion (GFAA) Solids	1	70032			06/15/2004 1340
SW846 3050B	Acid Digestion (ICP) Solids	1	70031			06/15/2004 1340
SW846 9010B	Cyanide, Total	1	70823			06/22/2004 0800
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70709			
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70710			
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70708			
SW846 7471A	Mercury (CVAA) Solids	1	70538	70537		06/18/2004 1204
SW846-7471	Mercury Soil Digestion	1	70537			06/17/2004 1330
SW846 6010B	Metals Analysis (ICAP)	1	70654	70031		06/22/2004 1936
SW846 8081A	Organochlorine Pesticide Analysis	1	71212			06/29/2004 0000
SW846 8082	PCB Analysis	1	71155			06/27/2004 0000 0.9709
SW846 8082	PCB Analysis	2	71215			06/29/2004 0000 10
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	71146			
QA Services	Quality Assurance Services	1	71181			
QA Services	Quality Assurance Services	1	71214			
SW846 7740	Selenium (GFAA)	1	70595	70032		06/21/2004 1551
SW846 8270C	Semivolatile Organics	1	71153			
EPA 160.3	Solids, Total	1	70428			06/15/2004 0000
LLOYD Kahn	Total Organic Carbon (Soils)	1	70737			
SW846 8260B	Volatile Organics	1	71367			

Lab ID: 237194-17	Client ID: SED-6	Date Recvd: 06/11/2004	Sample Date: 06/09/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842			
SW846 3050B	Acid Digestion (GFAA) Solids	1	70344			06/18/2004 1450
SW846 3050B	Acid Digestion (ICP) Solids	1	70343			06/18/2004 1450
SW846 9010B	Cyanide, Total	1	70823			06/22/2004 0800
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70709			
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70710			
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70708			
SW846 7471A	Mercury (CVAA) Solids	1	71089	71088		06/30/2004 0005
SW846-7471	Mercury Soil Digestion	1	71088			06/29/2004 2015
SW846 6010B	Metals Analysis (ICAP)	1	70666	70343		06/22/2004 1149
SW846 8081A	Organochlorine Pesticide Analysis	1	71212			06/29/2004 0000
SW846 8082	PCB Analysis	1	71155			06/27/2004 0000 0.9693
SW846 8082	PCB Analysis	2	71215			06/29/2004 0000 10
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	71146			
QA Services	Quality Assurance Services	1	71181			
QA Services	Quality Assurance Services	1	71214			
SW846 7740	Selenium (GFAA)	1	70596	70344		06/21/2004 1819

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LABORATORY CHRONICLE

Job Number: 237194

Date: 07/06/2004

CUSTOMER: Integreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237194-17	Client ID: SED-6	Date Recvd: 06/11/2004	Sample Date: 06/09/2004		
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED DILUTION
SW846 8270C	Semivolatile Organics	1	71153		
EPA 160.3	Solids, Total	1	70446		06/17/2004 0000
LLOYD Kahn	Total Organic Carbon (Soils)	1	70737		
SW846 8260B	Volatile Organics	1	71367		

Lab ID: 237194-18	Client ID: TRIP	Date Recvd: 06/11/2004	Sample Date: 06/09/2004		
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED DILUTION
SW846 5030(5mL	5030 5 mL Purge Prep	1	70840		
QA Services	Quality Assurance Services	1	71181		
SW846 8260B	Volatile Organics	1	71367		

Lab ID: 237194-19	Client ID: L-2	Date Recvd: 06/11/2004	Sample Date: 06/10/2004		
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED DILUTION
SW846 5030(5mL	5030 5 mL Purge Prep	1	70840		
EPA 200.7	Acid Digestion, Total Recoverable (ICAP)	1	70033		06/16/2004 1415
SM18 4500CNE	Cyanide, Total	1	70287		06/16/2004 1400
SW846 3510C	Extraction Sep. Funnel (Chlor. Pest)	1	70210		
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	70211		
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	70209		
EPA 245.1	Mercury (CVAA)	1	70900		06/27/2004 1231
EPA 200.7	Metals Analysis (ICP)	1	70713	70033	06/23/2004 1339
SW846 8081A	Organochlorine Pesticide Analysis	1	71135		06/25/2004 0000
SW846 8082	PCB Analysis	1	71139		06/26/2004 0000
IC 10210001A	Phenolics, Total Recoverable	1	70978		06/16/2004 0420
QA Services	Quality Assurance Services	1	71146		
QA Services	Quality Assurance Services	1	71181		
QA Services	Quality Assurance Services	1	71214		
QA Services	Quality Assurance Services	1	70579	70033	06/21/2004 1323
EPA 270.2	Selenium (GFAA)	1			
SW846 8270C	Semivolatile Organics	2	71383		06/23/2004 0404
SW846 8270C	Semivolatile Organics	2	71383		06/23/2004 1020
SW846 8270C	Semivolatile Organics	3	71383		06/23/2004 0404
SW846 8270C	Semivolatile Organics	3	71383		06/23/2004 1020
SW846 8260B	Volatile Organics	1	71367		

Lab ID: 237194-20	Client ID: SS-6	Date Recvd: 06/11/2004	Sample Date: 06/10/2004		
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED DILUTION
SW846 5030 (5g	5030 Soil(5g)Prep	1	70842		
SW846 3050B	Acid Digestion (GFAA) Solids	1	70344		06/18/2004 1450
SW846 3050B	Acid Digestion (ICP) Solids	1	70343		06/18/2004 1450
SW846 9010B	Cyanide, Total	1	70823		06/22/2004 0800
SW846 3550B	Extraction Ultrasonic (Chlor. Pest.)	1	70709		
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70710		
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70708		
SW846 7471A	Mercury (CVAA) Solids	1	71089	71088	06/30/2004 0007
SW846-7471	Mercury Soil Digestion	1	71088		06/29/2004 2015
SW846 6010B	Metals Analysis (ICAP)	1	70666	70343	06/22/2004 1214
SW846 8081A	Organochlorine Pesticide Analysis	1	71212		06/29/2004 0000
SW846 8082	PCB Analysis	1	71155		06/27/2004 0000
QA Services	Quality Assurance Services	1			
QA Services	Quality Assurance Services	1	71146		
QA Services	Quality Assurance Services	1	71181		
QA Services	Quality Assurance Services	1	71214		
SW846 7740	Selenium (GFAA)	1	70596	70344	06/21/2004 1839

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LABORATORY CHRONICLE

Job Number: 237194

Date: 07/06/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237194-20	Client ID: SS-6	Date Recvd: 06/11/2004	Sample Date: 06/10/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
SW846 8270C	Semivolatile Organics	1	71153			
EPA 160.3	Solids, Total	1	70446			06/17/2004 0000
SW846 8260B	Volatile Organics	1	71367			

Lab ID: 237194-21	Client ID: SS-7	Date Recvd: 06/11/2004	Sample Date: 06/10/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842			
SW846 3050B	Acid Digestion (GFAA) Solids	1	70032			06/15/2004 1340
SW846 3050B	Acid Digestion (ICP) Solids	1	70031			06/15/2004 1340
SW846 9010B	Cyanide, Total	1	70823			06/22/2004 0800
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70709			
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70710			
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70708			
SW846 7471A	Mercury (CVAA) Solids	1	70538	70537		06/18/2004 1206
SW846-7471	Mercury Soil Digestion	1	70537			06/17/2004 1330
SW846 6010B	Metals Analysis (ICAP)	1	70654	70031		06/22/2004 1940
SW846 8081A	Organochlorine Pesticide Analysis	1	71212			06/29/2004 0000
SW846 8082	PCB Analysis	1	71155			06/27/2004 0000
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	71146			
QA Services	Quality Assurance Services	1	71181			
QA Services	Quality Assurance Services	1	71214			
SW846 7740	Selenium (GFAA)	1	70595	70032		06/21/2004 1611
SW846 8270C	Semivolatile Organics	1	71153			
EPA 160.3	Solids, Total	1	70428			06/15/2004 0000
SW846 8260B	Volatile Organics	1	71367			

Lab ID: 237194-22	Client ID: SS-8	Date Recvd: 06/11/2004	Sample Date: 06/10/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842			
SW846 3050B	Acid Digestion (GFAA) Solids	1	70032			06/15/2004 1340
SW846 3050B	Acid Digestion (ICP) Solids	1	70031			06/15/2004 1340
SW846 9010B	Cyanide, Total	1	70823			06/22/2004 0800
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70709			
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70710			
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70708			
SW846 7471A	Mercury (CVAA) Solids	1	70538	70537		06/18/2004 1209
SW846-7471	Mercury Soil Digestion	1	70537			06/17/2004 1330
SW846 6010B	Metals Analysis (ICAP)	1	70654	70031		06/22/2004 1945
SW846 8081A	Organochlorine Pesticide Analysis	1	71212			06/29/2004 0000
SW846 8082	PCB Analysis	1	71155			06/27/2004 0000
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	71146			
QA Services	Quality Assurance Services	1	71181			
QA Services	Quality Assurance Services	1	71214			
SW846 7740	Selenium (GFAA)	1	70595	70032		06/21/2004 1621
SW846 8270C	Semivolatile Organics	1	71153			
EPA 160.3	Solids, Total	1	70428			06/15/2004 0000
SW846 8260B	Volatile Organics	1	71367			

Lab ID: 237194-23	Client ID: SS-9	Date Recvd: 06/11/2004	Sample Date: 06/10/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842			
SW846 3050B	Acid Digestion (GFAA) Solids	1	70032			06/15/2004 1340
SW846 3050B	Acid Digestion (ICP) Solids	1	70031			06/15/2004 1340

LABORATORY CHRONICLE

Job Number: 237194

Date: 07/06/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237194-23 Client ID: SS-9 Date Recvd: 06/11/2004 Sample Date: 06/10/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 9010B	Cyanide, Total	1	70823			06/22/2004 0800	
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70709				
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70710				
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70708				
SW846 7471A	Mercury (CVAA) Solids	1	70538	70537		06/18/2004 1210	
SW846-7471	Mercury Soil Digestion	1	70537			06/17/2004 1330	
SW846 6010B	Metals Analysis (ICAP)	1	70654	70031		06/22/2004 1949	
SW846 8081A	Organochlorine Pesticide Analysis	1	71212			06/29/2004 0000	
SW846 8082	PCB Analysis	1	71155			06/27/2004 0000	0.9712
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	71146				
QA Services	Quality Assurance Services	1	71181				
QA Services	Quality Assurance Services	1	71214				
SW846 7740	Selenium (GFAA)	1	70595	70032		06/21/2004 1631	
SW846 8270C	Semivolatile Organics	1	71153				
EPA 160.3	Solids, Total	1	70428			06/15/2004 0000	
SW846 8260B	Volatile Organics	1	71367				

Lab ID: 237194-24 Client ID: SS-10 Date Recvd: 06/11/2004 Sample Date: 06/10/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 5030 (5g)	5030 Soil(5g)Prep	1	70842				
SW846 3050B	Acid Digestion (GFAA) Solids	1	70032			06/15/2004 1340	
SW846 3050B	Acid Digestion (ICP) Solids	1	70031			06/15/2004 1340	
SW846 9010B	Cyanide, Total	1	70823			06/22/2004 0800	
SW846 3550B	Extraction Ultrasonic (Chlor.Pest.)	1	70709				
SW846 3550B	Extraction Ultrasonic (PCBs)	1	70710				
SW846 3550B	Extraction Ultrasonic (SVOC)	1	70708				
SW846 7471A	Mercury (CVAA) Solids	1	70538	70537		06/18/2004 1212	
SW846-7471	Mercury Soil Digestion	1	70537			06/17/2004 1330	
SW846 6010B	Metals Analysis (ICAP)	1	70728	70031		06/23/2004 1529	2.000
SW846 8081A	Organochlorine Pesticide Analysis	1	71212			06/29/2004 0000	
SW846 8082	PCB Analysis	1	71155			06/27/2004 0000	0.9842
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	71146				
QA Services	Quality Assurance Services	1	71181				
QA Services	Quality Assurance Services	1	71214				
SW846 7740	Selenium (GFAA)	1	70595	70032		06/21/2004 1641	
SW846 8270C	Semivolatile Organics	1	71153				
EPA 160.3	Solids, Total	1	70428			06/15/2004 0000	
SW846 8260B	Volatile Organics	1	71367				

THE ANALYTICAL METHODS MAY UTILIZE ONE OR MORE OF THE FOLLOWING
REFERENCES:

"Methods for Chemical Analysis of Water and Wastewater",
EPA-600/4-79-020, March 1983.

"Test Methods for Evaluating Solid Waste", USEPA-SW846, Third
Edition, September 1986 with all current revisions.

Federal Register, V.50 No.3, January 4, 1985.

Federal Register, V.49, No. 209, October 26, 1984.

"Methods for the Determination of Organic Compounds in Drinking Water
EPA/600/4-88/039, December 1988.

Volatile Organic Compounds in Water by Purge and Trap Capillary
Column Gas Chromatography With Photoionization and Electrolytic
Conductivity Detectors in Series, EMSL, Cincinnati, Ohio, 45268,
Revision 2.0(1989).

EPA Method for the Determination of Gasoline Range Organics, Draft,
REV. 5, 2/5/92.

"New York State Department of Environmental Conservation Analytical
Services Protocol, Vol. 1 , October 1995.

USEPA CLP SOW for Organics Analysis Low Concentration Water

USEPA CLP SOW for Organics Analysis Multi-Media, Multi-Concentration

THE ANALYTICAL METHODS MAY UTILIZE ONE OR MORE OF THE FOLLOWING
REFERENCES:

"Methods for Chemical Analysis of Water and Wastewater",
EPA-600/4-79-020, March 1983.

"Test Methods for Evaluating Solid Waste", USEPA-SW846, Third
Edition, September 1986 with all current revisions.

Federal Register, V. 50 No. 3, January 4, 1985.

"Methods for the Determination of Organic Compounds in Drinking
Water, EPA/600/4-88/039, December 1988.

EPA Method for the Determination of Diesel Range Organics, Draft,
Rev. 5, 2/5/92.

"New York State Department of Environmental Conservation Analytical
Services Protocol, Vol. 1, October 1995.

"Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) Using
Methylene Chloride Gas Chromatograph/Flame Ionization
Detection", Environmental Research Institute, University of
Connecticut, March 1999.

"Analytical Handbook for the Laboratory of Organic Analytical
Chemistry", Wadsworth Center for Laboratories and Research, New
York State Department of Health, August 1991.

THE ANALYTICAL METHODS MAY UTILIZE ONE OR MORE OF THE FOLLOWING
REFERENCES:

"Methods for Chemical Analysis of Water and Wastewater",
EPA-600/4-79-020, March 1983.

"Test Methods for Evaluating Solid Waste", USEPA-SW846, Third
Edition, September 1986 with all current revisions.

Federal Register, V.49, No.209, October 26, 1984.

"Methods for the Determination of Organic Compounds in Drinking
Water, EPA/600/4-88/039, December 1988.

"New York State Department of Environmental Conservation Analytical
Services Protocol, Vol. 1, October 1995.

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THE ANALYTICAL METHODS MAY UTILIZE ONE OR MORE OF THE FOLLOWING
REFERENCES:

"Methods for Chemical Analysis of Water and Wastewater",
EPA-600/4-79-020, March 1983

"Standard Methods for the Examination of Water and Wastewater", 18th
Edition, 1992

Atomic Absorption - Furnace Technique

"Test Methods for Evaluating Solid Waste", USEPA-SW846, Third Edition,
September 1986 with all current revisions.

"Standard Methods for the Examination of Water and Wastewater",
17th Edition, 1989.

HACH8000 1979 Handbook

"New York State Department of Environmental Conservation Analytical
Services Protocol, Vol.2, October 1995.

"Determination of Cyanide" (Macro Distillation Method in Waters),
QUIK CHEM Method 10-204-00-1-A, Karin Wendt, Revised June 6,
1996, Lachat Instruments, Milwaukee, WI. 53218

"Determination of Nitrate/Nitrite in Surface and Wastewaters by Flow
Injection Analysis", QUICK CHEM Method 10-107041A, Karin Wendt,
Revised June 24, 1997, Zellweger Analytics, Milwaukee, WI. 53218

"Determination of Total Recoverable Phenols by Flow Injection
Analysis Colorimetry", QUIK CHEM Method 10-210-00-1-A, Ninglan
Liao, Revised August 6, 1996, Lachat Instruments, Milwaukee, WI.
53218.

"Determination of Nitrogen, Total Kjeldahl by Flow Injection Analysis
Colorimetry" QUIK CHEM Method 10-107-06-2-D, Kevin Switala,
Revised October 7, 1997, Lachat Instruments, Milwaukee, WI 53218.

Enterolert - (Idexx)

"American Society for Testing and Materials."

CASE NARRATIVE

Client: Integreyted

Date: 06/25/04

STL Lab No.: 237194

Page 1 of 5

Volatiles

Surrogate Recovery

The surrogate recovery for the following sample is outside the acceptable limits:

SS-5 (237194-11): failed toluene-d8

SS-10RE (237194-24RE): failed toluene-d8

Client ID SS-5 (237194-11) was re-analyzed and contains acceptable surrogate recoveries, however both analyses are included in the final report due to internal standard area counts outside the acceptable limits.

Internal Standards

Several samples contain internal standard area counts outside the acceptable limits. As per the protocol, the samples were re-analyzed. Client ID SS-10RE (237194-24RE) contains acceptable internal standard area counts. Due to the surrogate recovery failure in the re-analysis, both analyses have been included in the final report.

Semi-Volatiles

Sample Dilution

The following sample was diluted at the indicated amount due to compounds that exceed the linear calibration range:

SED-2DL (237194-013DL): 2x

Extraction

Several samples were extracted using less than 1000mls.

Matrix Spike/Matrix Spike Duplicate

Water

The percent recovery for 1,2,4-Trichlorobenzene in the matrix spike falls outside the acceptable limits. It is important to note, however, that the recovery in the associated matrix spike blank is acceptable.

The %RPD for 1,4-Dichlorobenzene and 1,2,4-Trichlorobenzene falls outside the acceptable limits.

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CASE NARRATIVE

Client: Integreyted

Date: 06/25/04

STL Lab No.: 237194

Page 2 of 5

Soil

The percent recovery for 4-Nitrophenol in the matrix spike duplicate falls outside the acceptable limits. It is important to note, however, that the recovery in the associated matrix spike blank is acceptable.

The %RPD for Acenaphthene falls outside the acceptable limits.

Internal Standards

Water

Sample L-2 (237194-019) contains internal standard area counts outside the acceptable limits for Perylene-d12. The sample was re-analyzed.

Soil

Several samples contain internal standard area counts outside the acceptable limits. As per the protocol, the samples were either re-analyzed or analyzed as a dilution.

Other

Spiking compounds were inadvertently added to SBLK17. As per the protocol the compounds were less than 10ug/l therefore the blank is acceptable.

Pesticides/PCB's

8081

Surrogate Recovery

Several samples contain surrogate recovery that is outside of the advisory control limits on both analytical columns.

Blank Spike

The percent recovery of gamma-BHC, heptachlor and aldrin in PBSPK11 is outside of the acceptable control limits.

The percent recovery of gamma-BHC and aldrin in PBSPK18 is outside of the acceptable control limits.

CASE NARRATIVE

Client: Integreyted

Date: 06/25/04

STL Lab No.: 237194

Page 3 of 5

Matrix Spike/Matrix Spike Duplicate

The percent recovery of some compounds in SW-3MS/MSD(237194-03MS/MSD) and SEDMS/MSD(237194-14MS/MSD) is outside of the acceptable control limits.

Continuing Calibration

The percent RPD of several compounds in the continuing calibration standards analyzed on 06/25/04, 06/28/04-06/29/04 are outside of the acceptable limits. Due to matrix effect from previously analyzed samples, several compounds in the continuing calibration standard PEST @20, analyzed 06/29/04(11:24) were not detected.

8082

Surrogate Recovery

Several samples contain surrogate recovery that is outside of the advisory control limits on both analytical columns.

Matrix Spike/Matrix Spike Duplicate

Due to matrix interference the percent recovery of aroclor 1242 in SED-3MS/MSD(237194-14MS/MSD) is outside of the acceptable control limits. However, please note the associated blank spike contains acceptable recoveries.

Sample Dilution

Several samples were diluted 10x due to target compounds that exceed the linear calibration range.

Inorganics

ICP

Matrix Spike/Duplicate

The percent spike recovery of silver in spike sample number SW-3MS (237194-03MS) is outside of the established control limits. The data is qualified accordingly.

The percent spike recovery of silver in spike sample number SS-1MS (237194-07MS) is outside of the established control limits. The data is qualified accordingly.

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CASE NARRATIVE

Client: Integreyted

Date: 06/25/04

STL Lab No.: 237194

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The percent spike recovery of silver and zinc in spike sample number SED-3MS (237194-14MS) is outside of the established control limits. The data is qualified accordingly. As per the protocol, a post digestion spike was analyzed for zinc.

The duplicate percent RPD of cadmium, lead and zinc in duplicate sample number SED-3MD (237194-14MD) is outside of the established control limits. The data is qualified accordingly.

Serial Dilution

The percent difference of zinc in serial dilution sample number SS-1L (237194-07L) falls outside the control limit of 10%. As a result a chemical or physical interference may be suspected and the associated data is qualified with an "E".

Sample Dilution

The following sample was diluted at the indicated amount and reanalyzed due to the interference of iron on the undiluted sample at a concentration above the linear range of the instrument:

SS-10 (237194-24): 2x

Method Blank

The concentration of iron in the method blank # 70031 analyzed on 6/22/04 is greater than the CRDL. However, the samples associated with method blank # 70031 contain iron at concentrations greater than 10 times the concentration of iron in the method blank.

GFAA Selenium

The concentration of selenium in the following sample is greater than 50% of the analytical spike, and the analytical spike recovery is less than 85%. Therefore, the sample was quantitated by the method of standard addition.

SW-1 (237194-01)

Wet Chemistry

Cyanide

Matrix Spike/Duplicate

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CASE NARRATIVE

Client: Integreyted

Date: 06/25/04

STL Lab No.: 237194

Page 5 of 5

The matrix spike/duplicate associated with laboratory number 237194 was performed on sample number ZZZZZ (237118-15).

The percent spike recovery of cyanide in spike sample number ZZZZZMS (237118-15MS) is outside of the established control limits. The associated data is qualified accordingly.

Subcontract

The TOC analyses were subcontracted to STL Burlington.

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-1

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) WATER Lab Sample ID: 237194-001
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3617.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: not dec. _____ Date Analyzed: 6/23/2004
 GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene	4	J	10

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW-1

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) WATER Lab Sample ID: 237194-001
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3617.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. _____ Date Analyzed: 6/23/2004
GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-2

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) WATER Lab Sample ID: 237194-002
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3618.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: not dec. _____ Date Analyzed: 6/23/2004
 GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene	5	J	10

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW-2

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) WATER Lab Sample ID: 237194-002
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3618.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. _____ Date Analyzed: 6/23/2004
GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-3

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) WATER Lab Sample ID: 237194-003

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3620.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: not dec. _____ Date Analyzed: 6/23/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene	7	J	10

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW-3

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) WATER Lab Sample ID: 237194-003
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3620.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. _____ Date Analyzed: 6/23/2004
GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-4

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) WATER Lab Sample ID: 237194-004
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3621.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: not dec. _____ Date Analyzed: 6/23/2004
 GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene	7	J	10

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW-4

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) WATER Lab Sample ID: 237194-004
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3621.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. _____ Date Analyzed: 6/23/2004
GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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NYSDOH 10142

NJDEP 73016

FORM 1 VOA-TIC

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

3/90

STL Newburgh
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Fax (845) 562-0841

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-5

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) WATER Lab Sample ID: 237194-005

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3622.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: not dec. _____ Date Analyzed: 6/23/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene	7	J	10

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NYSDOH 10142

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW-5

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) WATER Lab Sample ID: 237194-005
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3622.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. _____ Date Analyzed: 6/23/2004
GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

L-1

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) WATER Lab Sample ID: 237194-006
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3623.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: not dec. _____ Date Analyzed: 6/23/2004
 GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone	12		10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene	2	J	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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FORM 1 VOA

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NYSDOH 10142

NJDEP 73016

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

L-1

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) WATER Lab Sample ID: 237194-006
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3623.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. _____ Date Analyzed: 6/23/2004
GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

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NYSDOH 10142

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-1

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-007
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7940.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: not dec. 38 Date Analyzed: 6/23/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	16
74-83-9	Bromomethane		U	16
75-01-4	Vinyl Chloride		U	16
75-00-3	Chloroethane		U	16
75-09-2	Methylene Chloride		U	16
67-64-1	Acetone	25		16
75-15-0	Carbon Disulfide		U	16
75-35-4	1,1-Dichloroethene		U	16
75-34-4	1,1-Dichloroethane		U	16
67-66-3	Chloroform		U	16
107-06-2	1,2-Dichloroethane		U	16
78-93-3	2-Butanone		U	16
108-05-4	Vinyl Acetate		U	16
71-55-6	1,1,1-Trichloroethane		U	16
56-23-5	Carbon Tetrachloride		U	16
75-27-4	Bromodichloromethane		U	16
78-87-5	1,2-Dichloropropane		U	16
10061-01-5	cis-1,3-Dichloropropene		U	16
79-01-6	Trichloroethene		U	16
71-43-2	Benzene		U	16
124-48-1	Dibromochloromethane		U	16
110-75-8	2-Chloroethylvinylether		U	16
10061-02-6	trans-1,3-Dichloropropene		U	16
79-00-5	1,1,2-Trichloroethane		U	16
75-25-2	Bromoform		U	16
108-10-1	4-Methyl-2-Pentanone		U	16
591-78-6	2-Hexanone		U	16
127-18-4	Tetrachloroethene		U	16
79-34-5	1,1,2,2-Tetrachloroethane		U	16
108-88-3	Toluene		U	16
108-90-7	Chlorobenzene		U	16
100-41-4	Ethylbenzene		U	16
100-42-5	Styrene		U	16
541-73-1	1,3-Dichlorobenzene		U	16
106-46-7	1,4-Dichlorobenzene		U	16
95-50-1	1,2-Dichlorobenzene		U	16
1330-20-7	Xylenes, total		U	16
540-59-0	Total-1,2-Dichloroethene		U	16

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NYSDOH 10142

NJDEP 73015

FORM 1 VOA

CTDOHS PH-0554

EPA NY049

PA 66-378

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-1

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-007
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7940.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. 38 Date Analyzed: 6/23/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000067-63-0	Isopropyl Alcohol	7.95	10	JN
2. 000110-54-3	Hexane	9.54	12	JN
3. 000071-23-8	1-Propanol	9.95	180	JN

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NYSDOH 10142

NJDEP 73016

FORM 1 VOA-TIC

CTDOHS PH-0554

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PA 68-378

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-2

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-008

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7933.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: not dec. 25.5 Date Analyzed: 6/22/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	13
74-83-9	Bromomethane		U	13
75-01-4	Vinyl Chloride		U	13
75-00-3	Chloroethane		U	13
75-09-2	Methylene Chloride		U	13
67-64-1	Acetone	3	J	13
75-15-0	Carbon Disulfide		U	13
75-35-4	1,1-Dichloroethene		U	13
75-34-4	1,1-Dichloroethane		U	13
67-66-3	Chloroform		U	13
107-06-2	1,2-Dichloroethane		U	13
78-93-3	2-Butanone		U	13
108-05-4	Vinyl Acetate		U	13
71-55-6	1,1,1-Trichloroethane		U	13
56-23-5	Carbon Tetrachloride		U	13
75-27-4	Bromodichloromethane		U	13
78-87-5	1,2-Dichloropropane		U	13
10061-01-5	cis-1,3-Dichloropropene		U	13
79-01-6	Trichloroethene		U	13
71-43-2	Benzene		U	13
124-48-1	Dibromochloromethane		U	13
110-75-8	2-Chloroethylvinylether		U	13
10061-02-6	trans-1,3-Dichloropropene		U	13
79-00-5	1,1,2-Trichloroethane		U	13
75-25-2	Bromoform		U	13
108-10-1	4-Methyl-2-Pentanone		U	13
591-78-6	2-Hexanone		U	13
127-18-4	Tetrachloroethene		U	13
79-34-5	1,1,2,2-Tetrachloroethane		U	13
108-88-3	Toluene		U	13
108-90-7	Chlorobenzene		U	13
100-41-4	Ethylbenzene		U	13
100-42-5	Styrene		U	13
541-73-1	1,3-Dichlorobenzene		U	13
106-46-7	1,4-Dichlorobenzene		U	13
95-50-1	1,2-Dichlorobenzene		U	13
540-59-0	Total-1,2-Dichloroethene		U	13
1330-20-7	Xylenes, total		U	13

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FORM I VOA

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NYSDOH 10142

NJDEP 73015

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-2

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-008
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7933.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. 25.5 Date Analyzed: 6/22/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	9.54	13	JN

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-3

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-009
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7938.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: not dec. 29.8 Date Analyzed: 6/23/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	14
74-83-9	Bromomethane		U	14
75-01-4	Vinyl Chloride		U	14
75-00-3	Chloroethane		U	14
75-09-2	Methylene Chloride	2	J J	14
67-64-1	Acetone	27		14
75-15-0	Carbon Disulfide		U	14
75-35-4	1,1-Dichloroethene		U	14
75-34-4	1,1-Dichloroethane		U	14
67-66-3	Chloroform		U	14
107-06-2	1,2-Dichloroethane		U	14
78-93-3	2-Butanone		U	14
108-05-4	Vinyl Acetate		U	14
71-55-6	1,1,1-Trichloroethane		U	14
56-23-5	Carbon Tetrachloride		U	14
75-27-4	Bromodichloromethane		U	14
78-87-5	1,2-Dichloropropane		U	14
10061-01-5	cis-1,3-Dichloropropene		U	14
79-01-6	Trichloroethene		U	14
71-43-2	Benzene		U	14
124-48-1	Dibromochloromethane		U	14
110-75-8	2-Chloroethylvinylether		U	14
10061-02-6	trans-1,3-Dichloropropene		U	14
79-00-5	1,1,2-Trichloroethane		U	14
75-25-2	Bromoform		U	14
108-10-1	4-Methyl-2-Pentanone		U	14
591-78-6	2-Hexanone		U	14
127-18-4	Tetrachloroethene		U	14
79-34-5	1,1,2,2-Tetrachloroethane		U	14
108-88-3	Toluene		U	14
108-90-7	Chlorobenzene		U	14
100-41-4	Ethylbenzene		U	14
100-42-5	Styrene		U	14
541-73-1	1,3-Dichlorobenzene		U	14
106-46-7	1,4-Dichlorobenzene		U	14
95-50-1	1,2-Dichlorobenzene		U	14
1330-20-7	Xylenes, total		U	14
540-59-0	Total-1,2-Dichloroethene		U	14

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NYSDOH 10142

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-3

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-009
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7938.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. 29.8 Date Analyzed: 6/23/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	9.53	11	JN
2. 000071-23-8	1-Propanol	9.95	61	JN

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CTDOHS PH-0554

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-4

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-010

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7923A.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: not dec. 61.4 Date Analyzed: 6/21/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	26
74-83-9	Bromomethane		U	26
75-01-4	Vinyl Chloride		U	26
75-00-3	Chloroethane		U	26
75-09-2	Methylene Chloride		U	26
67-64-1	Acetone	70		26
75-15-0	Carbon Disulfide		U	26
75-35-4	1,1-Dichloroethene		U	26
75-34-4	1,1-Dichloroethane		U	26
67-66-3	Chloroform		U	26
107-06-2	1,2-Dichloroethane		U	26
78-93-3	2-Butanone	12	J	26
108-05-4	Vinyl Acetate		U	26
71-55-6	1,1,1-Trichloroethane		U	26
56-23-5	Carbon Tetrachloride		U	26
75-27-4	Bromodichloromethane		U	26
78-87-5	1,2-Dichloropropane		U	26
10061-01-5	cis-1,3-Dichloropropene		U	26
79-01-6	Trichloroethene		U	26
71-43-2	Benzene		U	26
124-48-1	Dibromochloromethane		U	26
110-75-8	2-Chloroethylvinylether		U	26
10061-02-6	trans-1,3-Dichloropropene		U	26
79-00-5	1,1,2-Trichloroethane		U	26
75-25-2	Bromoform		U	26
108-10-1	4-Methyl-2-Pentanone		U	26
591-78-6	2-Hexanone		U	26
127-18-4	Tetrachloroethene		U	26
79-34-5	1,1,2,2-Tetrachloroethane		U	26
108-88-3	Toluene		U	26
108-90-7	Chlorobenzene		U	26
100-41-4	Ethylbenzene		U	26
100-42-5	Styrene		U	26
541-73-1	1,3-Dichlorobenzene		U	26
106-46-7	1,4-Dichlorobenzene		U	26
95-50-1	1,2-Dichlorobenzene		U	26
1330-20-7	Xylenes, total		U	26
540-59-0	Total-1,2-Dichloroethene		U	26

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NYSDOH 10142

NJDEP 73015

FORM IVOA

CTDOHS PH-0554

EPA NY049

PA 68-378

3/90

M-NY049

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-4

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-010
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7923A.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. 61.4 Date Analyzed: 6/21/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	9.54	24	JN
2. 000071-23-8	1-Propanol	9.96	360	JN

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-5

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-011

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7934.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: not dec. 19.6 Date Analyzed: 6/22/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	12
74-83-9	Bromomethane		U	12
75-01-4	Vinyl Chloride		U	12
75-00-3	Chloroethane		U	12
75-09-2	Methylene Chloride	71	J	12
67-64-1	Acetone	7	J	12
75-15-0	Carbon Disulfide	1	J	12
75-35-4	1,1-Dichloroethene		U	12
75-34-4	1,1-Dichloroethane		U	12
67-66-3	Chloroform	3	J	12
107-06-2	1,2-Dichloroethane		U	12
78-93-3	2-Butanone		U	12
108-05-4	Vinyl Acetate		U	12
71-55-6	1,1,1-Trichloroethane		U	12
56-23-5	Carbon Tetrachloride		U	12
75-27-4	Bromodichloromethane		U	12
78-87-5	1,2-Dichloropropane		U	12
10061-01-5	cis-1,3-Dichloropropene		U	12
79-01-6	Trichloroethene		U	12
71-43-2	Benzene		U	12
124-48-1	Dibromochloromethane		U	12
110-75-8	2-Chloroethylvinylether		U	12
10061-02-6	trans-1,3-Dichloropropene		U	12
79-00-5	1,1,2-Trichloroethane		U	12
75-25-2	Bromoform		U	12
108-10-1	4-Methyl-2-Pentanone		U	12
591-78-6	2-Hexanone		U	12
127-18-4	Tetrachloroethene		U	12
79-34-5	1,1,2,2-Tetrachloroethane		U	12
108-88-3	Toluene		U	12
108-90-7	Chlorobenzene		U	12
100-41-4	Ethylbenzene		U	12
100-42-5	Styrene		U	12
541-73-1	1,3-Dichlorobenzene		U	12
106-46-7	1,4-Dichlorobenzene		U	12
95-50-1	1,2-Dichlorobenzene		U	12
1330-20-7	Xylenes, total		U	12
540-59-0	Total-1,2-Dichloroethene		U	12

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-5

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-011
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7934.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. 19.6 Date Analyzed: 6/22/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	9.53	12	JN
2. 000071-23-8	1-Propanol	9.97	13	JN

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SS-5RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-011RE

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7941.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: not dec. 19.6 Date Analyzed: 6/23/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	12
74-83-9	Bromomethane		U	12
75-01-4	Vinyl Chloride		U	12
75-00-3	Chloroethane		U	12
75-09-2	Methylene Chloride	19		12
67-64-1	Acetone	12	J	12
75-15-0	Carbon Disulfide		U	12
75-35-4	1,1-Dichloroethene		U	12
75-34-4	1,1-Dichloroethane		U	12
67-66-3	Chloroform		U	12
107-06-2	1,2-Dichloroethane		U	12
78-93-3	2-Butanone		U	12
108-05-4	Vinyl Acetate		U	12
71-55-6	1,1,1-Trichloroethane		U	12
56-23-5	Carbon Tetrachloride		U	12
75-27-4	Bromodichloromethane		U	12
78-87-5	1,2-Dichloropropane		U	12
10061-01-5	cis-1,3-Dichloropropene		U	12
79-01-6	Trichloroethene		U	12
71-43-2	Benzene		U	12
124-48-1	Dibromochloromethane		U	12
110-75-8	2-Chloroethylvinylether		U	12
10061-02-6	trans-1,3-Dichloropropene		U	12
79-00-5	1,1,2-Trichloroethane		U	12
75-25-2	Bromoform		U	12
108-10-1	4-Methyl-2-Pentanone		U J	12
591-78-6	2-Hexanone		U J	12
127-18-4	Tetrachloroethene		U J	12
79-34-5	1,1,2,2-Tetrachloroethane		U J	12
108-88-3	Toluene		U J	12
108-90-7	Chlorobenzene		U J	12
100-41-4	Ethylbenzene		U J	12
100-42-5	Styrene		U J	12
541-73-1	1,3-Dichlorobenzene		U J	12
106-46-7	1,4-Dichlorobenzene		U J	12
95-50-1	1,2-Dichlorobenzene		U J	12
1330-20-7	Xylenes, total		U J	12
540-59-0	Total-1,2-Dichloroethene		U J	12

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-5RE

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-011RE
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7941.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. 19.6 Date Analyzed: 6/23/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	9.54	13	JN
2. 000071-23-8	1-Propanol	9.95	74	JN

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FORM I VOA-TIC

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-1

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-012
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7920A.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: not dec. 52.5 Date Analyzed: 6/21/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	21
74-83-9	Bromomethane		U	21
75-01-4	Vinyl Chloride		U	21
75-00-3	Chloroethane		U	21
75-09-2	Methylene Chloride		U	21
67-64-1	Acetone	64		21
75-15-0	Carbon Disulfide		U	21
75-35-4	1,1-Dichloroethene		U	21
75-34-4	1,1-Dichloroethane		U	21
67-66-3	Chloroform		U	21
107-06-2	1,2-Dichloroethane		U	21
78-93-3	2-Butanone	15	J	21
108-05-4	Vinyl Acetate		U	21
71-55-6	1,1,1-Trichloroethane		U	21
56-23-5	Carbon Tetrachloride		U	21
75-27-4	Bromodichloromethane		U	21
78-87-5	1,2-Dichloropropane		U	21
10061-01-5	cis-1,3-Dichloropropene		U	21
79-01-6	Trichloroethene		U	21
71-43-2	Benzene		U	21
124-48-1	Dibromochloromethane		U	21
110-75-8	2-Chloroethylvinylether		U	21
10061-02-6	trans-1,3-Dichloropropene		U	21
79-00-5	1,1,2-Trichloroethane		U	21
75-25-2	Bromoform		U	21
108-10-1	4-Methyl-2-Pentanone		U	21
591-78-6	2-Hexanone		U	21
127-18-4	Tetrachloroethene		U	21
79-34-5	1,1,2,2-Tetrachloroethane		U	21
108-88-3	Toluene		U	21
108-90-7	Chlorobenzene		U	21
100-41-4	Ethylbenzene		U	21
100-42-5	Styrene		U	21
541-73-1	1,3-Dichlorobenzene		U	21
106-46-7	1,4-Dichlorobenzene		U	21
95-50-1	1,2-Dichlorobenzene		U	21
1330-20-7	Xylenes, total		U	21
540-59-0	Total-1,2-Dichloroethene		U	21

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NYSDOH 10142

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-1

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-012
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7920A.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. 52.5 Date Analyzed: 6/21/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	7.95	14	J
2. 000110-54-3	Hexane	9.53	18	JN
3. 000071-23-8	1-Propanol	9.96	430	JN

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FORM 1 VOA-TIC

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-2

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-013

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7921A.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: not dec. 57.5 Date Analyzed: 6/21/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	24
74-83-9	Bromomethane		U	24
75-01-4	Vinyl Chloride		U	24
75-00-3	Chloroethane		U	24
75-09-2	Methylene Chloride		U	24
67-64-1	Acetone	80		24
75-15-0	Carbon Disulfide		U	24
75-35-4	1,1-Dichloroethene		U	24
75-34-4	1,1-Dichloroethane		U	24
67-66-3	Chloroform		U	24
107-06-2	1,2-Dichloroethane		U	24
78-93-3	2-Butanone	26		24
108-05-4	Vinyl Acetate		U	24
71-55-6	1,1,1-Trichloroethane		U	24
56-23-5	Carbon Tetrachloride		U	24
75-27-4	Bromodichloromethane		U	24
78-87-5	1,2-Dichloropropane		U	24
10061-01-5	cis-1,3-Dichloropropene		U	24
79-01-6	Trichloroethene		U	24
71-43-2	Benzene		U	24
124-48-1	Dibromochloromethane		U	24
110-75-8	2-Chloroethylvinylether		U	24
10061-02-6	trans-1,3-Dichloropropene		U	24
79-00-5	1,1,2-Trichloroethane		U	24
75-25-2	Bromoform		U	24
108-10-1	4-Methyl-2-Pentanone		U	24
591-78-6	2-Hexanone		U	24
127-18-4	Tetrachloroethene		U	24
79-34-5	1,1,2,2-Tetrachloroethane		U	24
108-88-3	Toluene	60		24
108-90-7	Chlorobenzene		U	24
100-41-4	Ethylbenzene		U	24
100-42-5	Styrene		U	24
541-73-1	1,3-Dichlorobenzene		U	24
106-46-7	1,4-Dichlorobenzene		U	24
95-50-1	1,2-Dichlorobenzene		U	24
1330-20-7	Xylenes, total		U	24
540-59-0	Total-1,2-Dichloroethene		U	24

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-2

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-013
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7921A.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. 57.5 Date Analyzed: 6/21/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 9

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	C5H12O isomer	7.93	23	J
2. 000110-54-3	Hexane	9.53	25	JN
3. 000071-23-8	1-Propanol	9.96	600	JN
4. 001120-21-4	Undecane	21.44	31	JN
5.	Unknown CnH2n+2	23.19	40	J
6.	C13H28 isomer	23.46	16	J
7.	Unknown CnH2n+2	24.42	12	J
8.	Unknown CnH2n+2	24.60	27	J
9.	Unknown CnH2n+2	25.07	27	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SED-3

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-014

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7922A.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: not dec. 53.6 Date Analyzed: 6/21/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	22
74-83-9	Bromomethane		U	22
75-01-4	Vinyl Chloride		U	22
75-00-3	Chloroethane		U	22
75-09-2	Methylene Chloride		U	22
67-64-1	Acetone	39		22
75-15-0	Carbon Disulfide		U	22
75-35-4	1,1-Dichloroethene		U	22
75-34-4	1,1-Dichloroethane		U	22
67-66-3	Chloroform		U	22
107-06-2	1,2-Dichloroethane		U	22
78-93-3	2-Butanone	10	J	22
108-05-4	Vinyl Acetate		U	22
71-55-6	1,1,1-Trichloroethane		U	22
56-23-5	Carbon Tetrachloride		U	22
75-27-4	Bromodichloromethane		U	22
78-87-5	1,2-Dichloropropane		U	22
10061-01-5	cis-1,3-Dichloropropene		U	22
79-01-6	Trichloroethene		U	22
71-43-2	Benzene		U	22
124-48-1	Dibromochloromethane		U	22
110-75-8	2-Chloroethylvinylether		U	22
10061-02-6	trans-1,3-Dichloropropene		U	22
79-00-5	1,1,2-Trichloroethane		U	22
75-25-2	Bromoform		U	22
108-10-1	4-Methyl-2-Pentanone		U	22
591-78-6	2-Hexanone		U	22
127-18-4	Tetrachloroethene		U	22
79-34-5	1,1,2,2-Tetrachloroethane		U	22
108-88-3	Toluene		U	22
108-90-7	Chlorobenzene		U	22
100-41-4	Ethylbenzene		U	22
100-42-5	Styrene		U	22
541-73-1	1,3-Dichlorobenzene		U	22
106-46-7	1,4-Dichlorobenzene		U	22
95-50-1	1,2-Dichlorobenzene		U	22
1330-20-7	Xylenes, total		U	22
540-59-0	Total-1,2-Dichloroethene		U	22

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-3

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-014
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7922A.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture; not dec. 53.6 Date Analyzed: 6/21/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	9.54	22	JN
2. 000071-23-8	1-Propanol	9.95	210	JN

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-4

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-015

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7924A.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: not dec. 47.2 Date Analyzed: 6/21/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	19
74-83-9	Bromomethane		U	19
75-01-4	Vinyl Chloride		U	19
75-00-3	Chloroethane		U	19
75-09-2	Methylene Chloride		U	19
67-64-1	Acetone	59		19
75-15-0	Carbon Disulfide		U	19
75-35-4	1,1-Dichloroethene		U	19
75-34-4	1,1-Dichloroethane		U	19
67-66-3	Chloroform		U	19
107-06-2	1,2-Dichloroethane		U	19
78-93-3	2-Butanone	9	J	19
108-05-4	Vinyl Acetate		U	19
71-55-6	1,1,1-Trichloroethane		U	19
56-23-5	Carbon Tetrachloride		U	19
75-27-4	Bromodichloromethane		U	19
78-87-5	1,2-Dichloropropane		U	19
10061-01-5	cis-1,3-Dichloropropene		U	19
79-01-6	Trichloroethene		U	19
71-43-2	Benzene		U	19
124-48-1	Dibromochloromethane		U	19
110-75-8	2-Chloroethylvinylether		U	19
10061-02-6	trans-1,3-Dichloropropene		U	19
79-00-5	1,1,2-Trichloroethane		U	19
75-25-2	Bromoform		U	19
108-10-1	4-Methyl-2-Pentanone		U	19
591-78-6	2-Hexanone		U	19
127-18-4	Tetrachloroethene		U	19
79-34-5	1,1,2,2-Tetrachloroethane		U	19
108-88-3	Toluene		U	19
108-90-7	Chlorobenzene	22		19
100-41-4	Ethylbenzene		U	19
100-42-5	Styrene		U	19
541-73-1	1,3-Dichlorobenzene		U	19
106-46-7	1,4-Dichlorobenzene	6	J	19
95-50-1	1,2-Dichlorobenzene		U	19
1330-20-7	Xylenes, total		U	19
540-59-0	Total-1,2-Dichloroethene		U	19

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-4

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-015
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7924A.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. 47.2 Date Analyzed: 6/21/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 4

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	9.54	17	JN
2. 000071-23-8	1-Propanol	9.95	230	JN
3.	C9H20 isomer	20.93	9	J
4.	Unknown CnH2n	24.61	13	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-5

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-016

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7925A.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: not dec. 52.9 Date Analyzed: 6/21/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	21
74-83-9	Bromomethane		U	21
75-01-4	Vinyl Chloride		U	21
75-00-3	Chloroethane		U	21
75-09-2	Methylene Chloride		U	21
67-64-1	Acetone	31		21
75-15-0	Carbon Disulfide		U	21
75-35-4	1,1-Dichloroethene		U	21
75-34-4	1,1-Dichloroethane		U	21
67-66-3	Chloroform		U	21
107-06-2	1,2-Dichloroethane		U	21
78-93-3	2-Butanone	6	J	21
108-05-4	Vinyl Acetate		U	21
71-55-6	1,1,1-Trichloroethane		U	21
56-23-5	Carbon Tetrachloride		U	21
75-27-4	Bromodichloromethane		U	21
78-87-5	1,2-Dichloropropane		U	21
10061-01-5	cis-1,3-Dichloropropene		U	21
79-01-6	Trichloroethene		U	21
71-43-2	Benzene		U	21
124-48-1	Dibromochloromethane		U	21
110-75-8	2-Chloroethylvinylether		U	21
10061-02-6	trans-1,3-Dichloropropene		U	21
79-00-5	1,1,2-Trichloroethane		U	21
75-25-2	Bromoform		U	21
108-10-1	4-Methyl-2-Pentanone		U	21
591-78-6	2-Hexanone		U	21
127-18-4	Tetrachloroethene		U	21
79-34-5	1,1,2,2-Tetrachloroethane		U	21
108-88-3	Toluene		U	21
108-90-7	Chlorobenzene		U	21
100-41-4	Ethylbenzene		U	21
100-42-5	Styrene		U	21
541-73-1	1,3-Dichlorobenzene		U	21
106-46-7	1,4-Dichlorobenzene		U	21
95-50-1	1,2-Dichlorobenzene		U	21
1330-20-7	Xylenes, total		U	21
540-59-0	Total-1,2-Dichloroethene		U	21

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-5

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-016
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7925A.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. 52.9 Date Analyzed: 6/21/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	9.54	19	JN
2. 000071-23-8	1-Propanol	9.95	310	JN
3. 001066-40-6	Silanol, trimethyl-	10.60	30	JN
4.	Unknown	20.44	84	J
5.	Unknown	23.42	120	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-6

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-017
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7939.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: not dec. 49.7 Date Analyzed: 6/23/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	20
74-83-9	Bromomethane		U	20
75-01-4	Vinyl Chloride		U	20
75-00-3	Chloroethane		U	20
75-09-2	Methylene Chloride		U	20
67-64-1	Acetone	150		20
75-15-0	Carbon Disulfide		U	20
75-35-4	1,1-Dichloroethene		U	20
75-34-4	1,1-Dichloroethane		U	20
67-86-3	Chloroform		U	20
107-06-2	1,2-Dichloroethane		U	20
78-93-3	2-Butanone	34		20
108-05-4	Vinyl Acetate		U	20
71-55-6	1,1,1-Trichloroethane		U	20
56-23-5	Carbon Tetrachloride		U	20
75-27-4	Bromodichloromethane		U	20
78-87-5	1,2-Dichloropropane		U	20
10061-01-5	cis-1,3-Dichloropropene		U	20
79-01-6	Trichloroethene		U	20
71-43-2	Benzene		U	20
124-48-1	Dibromochloromethane		U	20
110-75-8	2-Chloroethylvinylether		U	20
10061-02-6	trans-1,3-Dichloropropene		U	20
79-00-5	1,1,2-Trichloroethane		U	20
75-25-2	Bromoform		U	20
108-10-1	4-Methyl-2-Pentanone		U	20
591-78-6	2-Hexanone		U	20
127-18-4	Tetrachloroethene		U	20
79-34-5	1,1,2,2-Tetrachloroethane		U	20
108-88-3	Toluene	7	J	20
108-90-7	Chlorobenzene		U	20
100-41-4	Ethylbenzene		U	20
100-42-5	Styrene		U	20
541-73-1	1,3-Dichlorobenzene		U	20
106-46-7	1,4-Dichlorobenzene		U	20
95-50-1	1,2-Dichlorobenzene		U	20
1330-20-7	Xylenes, total		U	20
540-59-0	Total-1,2-Dichloroethene		U	20

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-6

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-017
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7939.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture; not dec. 49.7 Date Analyzed: 6/23/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 14

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000075-18-3	Dimethyl sulfide	7.70	56	JN
2.	C5H12O isomer	7.94	31	J
3. 000110-54-3	Hexane	9.53	15	JN
4. 000071-23-8	1-Propanol	9.94	240	JN
5. 001120-21-4	Undecane	21.44	40	JN
6.	Unknown CnH2n+2	23.20	75	J
7.	C13H28 isomer	23.47	33	J
8.	Unknown	24.42	24	J
9.	Unknown CnH2n+2	24.60	60	J
10.	Unknown CnH2n+2	25.08	86	J
11.	Unknown CnH2n+2	25.42	22	J
12. 003891-98-3	Dodecane, 2,6,10-trimethyl-	26.47	37	JN
13. 000629-59-4	Tetradecane	26.85	50	JN
14. 080655-44-3	Decahydro-4,4,8,9,10-pentameth	27.58	17	JN

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) WATER Lab Sample ID: 237194-018
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3624.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: not dec. _____ Date Analyzed: 6/23/2004
 GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
540-59-0	Total-1,2-Dichloroethene		U	10
1330-20-7	Xylenes, total		U	10

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIP

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) WATER Lab Sample ID: 237194-018
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3624.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. _____ Date Analyzed: 6/23/2004
GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/LNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

L-2

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) WATER Lab Sample ID: 237194-019

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3625.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: not dec. _____ Date Analyzed: 6/23/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene	2	J	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene	2	J	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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FORM I VOA

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
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Newburgh, NY 12550
Tel (845) 562-0890
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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

L-2

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) WATER Lab Sample ID: 237194-019
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3625.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. _____ Date Analyzed: 6/23/2004
GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-6

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-020
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7926A.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: not dec. 28.7 Date Analyzed: 6/21/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	14
74-83-9	Bromomethane		U	14
75-01-4	Vinyl Chloride		U	14
75-00-3	Chloroethane		U	14
75-09-2	Methylene Chloride	2	J	14
67-64-1	Acetone	13	J	14
75-15-0	Carbon Disulfide		U	14
75-35-4	1,1-Dichloroethene		U	14
75-34-4	1,1-Dichloroethane		U	14
67-66-3	Chloroform		U	14
107-06-2	1,2-Dichloroethane		U	14
78-93-3	2-Butanone		U	14
108-05-4	Vinyl Acetate		U	14
71-55-6	1,1,1-Trichloroethane		U	14
56-23-5	Carbon Tetrachloride		U	14
75-27-4	Bromodichloromethane		U	14
78-87-5	1,2-Dichloropropane		U	14
10061-01-5	cis-1,3-Dichloropropene		U	14
79-01-6	Trichloroethene		U	14
71-43-2	Benzene		U	14
124-48-1	Dibromochloromethane		U	14
110-75-8	2-Chloroethylvinylether		U	14
10061-02-6	trans-1,3-Dichloropropene		U	14
79-00-5	1,1,2-Trichloroethane		U	14
75-25-2	Bromoform		U	14
108-10-1	4-Methyl-2-Pentanone		U	14
591-78-6	2-Hexanone		U	14
127-18-4	Tetrachloroethene		U	14
79-34-5	1,1,2,2-Tetrachloroethane		U	14
108-88-3	Toluene	3	J	14
108-90-7	Chlorobenzene		U	14
100-41-4	Ethylbenzene		U	14
100-42-5	Styrene		U	14
541-73-1	1,3-Dichlorobenzene		U	14
106-46-7	1,4-Dichlorobenzene		U	14
95-50-1	1,2-Dichlorobenzene		U	14
1330-20-7	Xylenes, total		U	14
540-59-0	Total-1,2-Dichloroethene		U	14

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-6

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-020

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7926A.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: not dec. 28.7 Date Analyzed: 6/21/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGNumber TICs found: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	9.54	13	JN
2. 000071-23-8	1-Propanol	9.95	100	JN
3.	Unknown	10.61	22	J

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FORM I VOA-TIC

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-7

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-021
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7942.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: not dec. 32.8 Date Analyzed: 6/23/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	15
74-83-9	Bromomethane		U	15
75-01-4	Vinyl Chloride		U	15
75-00-3	Chloroethane		U	15
75-09-2	Methylene Chloride	2	J J	15
67-64-1	Acetone	6	J	15
75-15-0	Carbon Disulfide		U	15
75-35-4	1,1-Dichloroethene		U	15
75-34-4	1,1-Dichloroethane		U	15
67-66-3	Chloroform		U	15
107-06-2	1,2-Dichloroethane		U	15
78-93-3	2-Butanone		U	15
108-05-4	Vinyl Acetate		U	15
71-55-6	1,1,1-Trichloroethane		U	15
56-23-5	Carbon Tetrachloride		U	15
75-27-4	Bromodichloromethane		U	15
78-87-5	1,2-Dichloropropane		U	15
10061-01-5	cis-1,3-Dichloropropene		U	15
79-01-6	Trichloroethene		U	15
71-43-2	Benzene		U	15
124-48-1	Dibromochloromethane		U	15
110-75-8	2-Chloroethylvinylether		U	15
10061-02-6	trans-1,3-Dichloropropene		U	15
79-00-5	1,1,2-Trichloroethane		U	15
75-25-2	Bromoform		U	15
108-10-1	4-Methyl-2-Pentanone		U	15
591-78-6	2-Hexanone		U	15
127-18-4	Tetrachloroethene		U	15
79-34-5	1,1,2,2-Tetrachloroethane		U	15
108-88-3	Toluene		U	15
108-90-7	Chlorobenzene		U	15
100-41-4	Ethylbenzene		U	15
100-42-5	Styrene		U	15
541-73-1	1,3-Dichlorobenzene		U	15
106-46-7	1,4-Dichlorobenzene		U	15
95-50-1	1,2-Dichlorobenzene		U	15
1330-20-7	Xylenes, total		U	15
540-59-0	Total-1,2-Dichloroethene		U	15

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-7

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-021
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7942.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. 32.8 Date Analyzed: 6/23/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	9.54	13	JN
2. 000071-23-8	1-Propanol	9.98	11	JN

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FORM 1 VOA-TIC

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NYSDOH 10142

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CTDOHS PH-0554

EPA NY049

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M-NY049

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-8

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-022
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7943.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: not dec. 31.6 Date Analyzed: 6/23/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

74-87-3	Chloromethane		U	15
74-83-9	Bromomethane		U	15
75-01-4	Vinyl Chloride		U	15
75-00-3	Chloroethane		U	15
75-09-2	Methylene Chloride	23	J	15
67-64-1	Acetone	3	J	15
75-15-0	Carbon Disulfide		U	15
75-35-4	1,1-Dichloroethene		U	15
75-34-4	1,1-Dichloroethane		U	15
67-66-3	Chloroform	2	J	15
107-06-2	1,2-Dichloroethane		U	15
78-93-3	2-Butanone		U	15
108-05-4	Vinyl Acetate		U	15
71-55-6	1,1,1-Trichloroethane		U	15
56-23-5	Carbon Tetrachloride		U	15
75-27-4	Bromodichloromethane		U	15
78-87-5	1,2-Dichloropropane		U	15
10061-01-5	cis-1,3-Dichloropropene		U	15
79-01-6	Trichloroethene		U	15
71-43-2	Benzene		U	15
124-48-1	Dibromochloromethane		U	15
110-75-8	2-Chloroethylvinylether		U	15
10061-02-6	trans-1,3-Dichloropropene		U	15
79-00-5	1,1,2-Trichloroethane		U	15
75-25-2	Bromoform		U	15
108-10-1	4-Methyl-2-Pentanone		U	15
591-78-6	2-Hexanone		U	15
127-18-4	Tetrachloroethene		U	15
79-34-5	1,1,2,2-Tetrachloroethane		U	15
108-88-3	Toluene		U	15
108-90-7	Chlorobenzene		U	15
100-41-4	Ethylbenzene		U	15
100-42-5	Styrene		U	15
541-73-1	1,3-Dichlorobenzene		U	15
106-46-7	1,4-Dichlorobenzene		U	15
95-50-1	1,2-Dichlorobenzene		U	15
540-59-0	Total-1,2-Dichloroethene		U	15
1330-20-7	Xylenes, total		U	15

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-8

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-022
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7943.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. 31.6 Date Analyzed: 6/23/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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FORM 1 VOA-TIC

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NYS DOH 10142

NJ DEP 73015

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-9

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-023

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7944.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: not dec. 14.1 Date Analyzed: 6/23/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U J	12
74-83-9	Bromomethane		U J	12
75-01-4	Vinyl Chloride		U J	12
75-00-3	Chloroethane		U J	12
75-09-2	Methylene Chloride	60	J	12
67-64-1	Acetone	66		12
75-15-0	Carbon Disulfide		U J	12
75-35-4	1,1-Dichloroethene		U J	12
75-34-4	1,1-Dichloroethane		U J	12
67-66-3	Chloroform	2	J J	12
107-06-2	1,2-Dichloroethane		U J	12
78-93-3	2-Butanone		U J	12
108-05-4	Vinyl Acetate		U J	12
71-55-6	1,1,1-Trichloroethane		U J	12
56-23-5	Carbon Tetrachloride		U J	12
75-27-4	Bromodichloromethane		U J	12
78-87-5	1,2-Dichloropropane		U J	12
10061-01-5	cis-1,3-Dichloropropene		U J	12
79-01-6	Trichloroethene		U J	12
71-43-2	Benzene		U J	12
124-48-1	Dibromochloromethane		U J	12
110-75-8	2-Chloroethylvinylether		U J	12
10061-02-6	trans-1,3-Dichloropropene		U J	12
79-00-5	1,1,2-Trichloroethane		U J	12
75-25-2	Bromoform		U J	12
108-10-1	4-Methyl-2-Pentanone		U J	12
591-78-6	2-Hexanone		U J	12
127-18-4	Tetrachloroethene		U J	12
79-34-5	1,1,2,2-Tetrachloroethane		U J	12
108-88-3	Toluene		U J	12
108-90-7	Chlorobenzene		U J	12
100-41-4	Ethylbenzene		U J	12
100-42-5	Styrene		U J	12
541-73-1	1,3-Dichlorobenzene		U J	12
106-46-7	1,4-Dichlorobenzene		U J	12
95-50-1	1,2-Dichlorobenzene		U J	12
1330-20-7	Xylenes, total		U J	12
540-59-0	Total-1,2-Dichloroethene		U J	12

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-9

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-023
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7944.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. 14.1 Date Analyzed: 6/23/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGNumber TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	9.54	12	JN
2. 000071-23-8	1-Propanol	9.96	31	JN

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-9RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-023RE
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7951.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: not dec. 14.1 Date Analyzed: 6/24/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	12
74-83-9	Bromomethane		U	12
75-01-4	Vinyl Chloride		U	12
75-00-3	Chloroethane		U	12
75-09-2	Methylene Chloride	42		12
67-64-1	Acetone	36		12
75-15-0	Carbon Disulfide		U	12
75-35-4	1,1-Dichloroethene		U	12
75-34-4	1,1-Dichloroethane		U	12
67-66-3	Chloroform	2	J	12
107-06-2	1,2-Dichloroethane		U	12
78-93-3	2-Butanone		U	12
108-05-4	Vinyl Acetate		U	12
71-55-6	1,1,1-Trichloroethane		U	12
56-23-5	Carbon Tetrachloride		U	12
75-27-4	Bromodichloromethane		U	12
78-87-5	1,2-Dichloropropane		U	12
10061-01-5	cis-1,3-Dichloropropene		U	12
79-01-6	Trichloroethene		U	12
71-43-2	Benzene		U	12
124-48-1	Dibromochloromethane		U	12
110-75-8	2-Chloroethylvinylether		U	12
10061-02-6	trans-1,3-Dichloropropene		U	12
79-00-5	1,1,2-Trichloroethane		U	12
75-25-2	Bromoform		U	12
108-10-1	4-Methyl-2-Pentanone		U	12
591-78-6	2-Hexanone		U	12
127-18-4	Tetrachloroethene		U	12
79-34-5	1,1,2,2-Tetrachloroethane		U	12
108-88-3	Toluene		U	12
108-90-7	Chlorobenzene		U	12
100-41-4	Ethylbenzene		U	12
100-42-5	Styrene		U	12
541-73-1	1,3-Dichlorobenzene		U	12
106-46-7	1,4-Dichlorobenzene		U	12
95-50-1	1,2-Dichlorobenzene		U	12
1330-20-7	Xylenes, total		U	12
540-59-0	Total-1,2-Dichloroethene		U	12

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-9RE

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-023RE
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7951.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. 14.1 Date Analyzed: 6/24/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	9.53	8	JN
2. 000071-23-8	1-Propanol	9.97	14	JN

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-10

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-024
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7952.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: not dec. 14.3 Date Analyzed: 6/24/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

74-87-3	Chloromethane		U	12
74-83-9	Bromomethane		U	12
75-01-4	Vinyl Chloride		U	12
75-00-3	Chloroethane		U	12
75-09-2	Methylene Chloride	32		12
67-64-1	Acetone	40		12
75-15-0	Carbon Disulfide		U	12
75-35-4	1,1-Dichloroethene		U	12
75-34-4	1,1-Dichloroethane		U	12
67-66-3	Chloroform		U	12
107-06-2	1,2-Dichloroethane		U	12
78-93-3	2-Butanone		U	12
108-05-4	Vinyl Acetate		U	12
71-55-6	1,1,1-Trichloroethane		U	12
56-23-5	Carbon Tetrachloride		U	12
75-27-4	Bromodichloromethane		U	12
78-87-5	1,2-Dichloropropane		U	12
10061-01-5	cis-1,3-Dichloropropene		U	12
79-01-6	Trichloroethene		U	12
71-43-2	Benzene		U	12
124-48-1	Dibromochloromethane		U	12
110-75-8	2-Chloroethylvinylether		U	12
10061-02-6	trans-1,3-Dichloropropene		U	12
79-00-5	1,1,2-Trichloroethane		U	12
75-25-2	Bromoform		U	12
108-10-1	4-Methyl-2-Pentanone		U J	12
591-78-6	2-Hexanone		U J	12
127-18-4	Tetrachloroethene		U J	12
79-34-5	1,1,2,2-Tetrachloroethane		U J	12
108-88-3	Toluene		U J	12
108-90-7	Chlorobenzene		U J	12
100-41-4	Ethylbenzene		U J	12
100-42-5	Styrene		U J	12
541-73-1	1,3-Dichlorobenzene		U J	12
106-46-7	1,4-Dichlorobenzene		U J	12
95-50-1	1,2-Dichlorobenzene		U J	12
1330-20-7	Xylenes, total		U J	12
540-59-0	Total-1,2-Dichloroethene		U J	12

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FORM 1 VOA

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-10

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-024
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7952.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: not dec. 14.3 Date Analyzed: 6/24/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	9.53	6	JN
2. 000071-23-8	1-Propanol	9.95	35	JN

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-10RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-024RE
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7953.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: not dec. 14.3 Date Analyzed: 6/24/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	12
74-83-9	Bromomethane		U	12
75-01-4	Vinyl Chloride		U	12
75-00-3	Chloroethane		U	12
75-09-2	Methylene Chloride	21	J	12
67-64-1	Acetone	16	J	12
75-15-0	Carbon Disulfide		U	12
75-35-4	1,1-Dichloroethene		U	12
75-34-4	1,1-Dichloroethane		U	12
67-66-3	Chloroform		U	12
107-06-2	1,2-Dichloroethane		U	12
78-93-3	2-Butanone		U	12
108-05-4	Vinyl Acetate		U	12
71-55-6	1,1,1-Trichloroethane		U	12
56-23-5	Carbon Tetrachloride		U	12
75-27-4	Bromodichloromethane		U	12
78-87-5	1,2-Dichloropropane		U	12
10061-01-5	cis-1,3-Dichloropropene		U	12
79-01-6	Trichloroethene		U	12
71-43-2	Benzene		U	12
124-48-1	Dibromochloromethane		U	12
110-75-8	2-Chloroethylvinylether		U	12
10061-02-6	trans-1,3-Dichloropropene		U	12
79-00-5	1,1,2-Trichloroethane		U	12
75-25-2	Bromoform		U	12
108-10-1	4-Methyl-2-Pentanone		U	12
591-78-6	2-Hexanone		U	12
127-18-4	Tetrachloroethene		U	12
79-34-5	1,1,2,2-Tetrachloroethane		U	12
108-88-3	Toluene		U	12
108-90-7	Chlorobenzene		U	12
100-41-4	Ethylbenzene		U	12
100-42-5	Styrene		U	12
541-73-1	1,3-Dichlorobenzene		U	12
106-46-7	1,4-Dichlorobenzene		U	12
95-50-1	1,2-Dichlorobenzene		U	12
1330-20-7	Xylenes, total		U	12
540-59-0	Total-1,2-Dichloroethene		U	12

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FORM I VOA

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-10RE

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-024RE
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7953.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture; not dec. 14.3 Date Analyzed: 6/24/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGNumber TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	9.53	7	JN
2. 000071-23-8	1-Propanol	9.96	25	JN

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FORM I VOA-TIC

3/90

NYSDOH 10142

NJDEP 73016

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-1

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) WATER Lab Sample ID: 237194-001
 Sample wt/vol: 950.0 (g/ml) ML Lab File ID: S30184.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 6/16/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	11
108-95-2	Phenol		U	11
95-57-8	2-Chlorophenol		U	11
541-73-1	1,3-Dichlorobenzene		U	11
106-46-7	1,4-Dichlorobenzene		U	11
95-50-1	1,2-Dichlorobenzene		U	11
100-51-6	Benzyl alcohol		U	11
108-60-1	2,2'-oxybis(1-Chloropropane)		U	11
95-48-7	2-Methylphenol		U	11
67-72-1	Hexachloroethane		U	11
621-64-7	N-Nitroso-di-n-propylamine		U	11
106-44-5	4-Methylphenol		U	11
98-95-3	Nitrobenzene		U	11
78-59-1	Isophorone		U	11
88-75-5	2-Nitrophenol		U	11
105-67-9	2,4-Dimethylphenol		U	11
111-91-1	bis(2-Chloroethoxy)methane		U	11
120-83-2	2,4-Dichlorophenol		U	11
120-82-1	1,2,4-Trichlorobenzene		U	11
91-20-3	Naphthalene		U	11
106-47-8	4-Chloroaniline		U	11
87-68-3	Hexachlorobutadiene		U	11
59-50-7	4-Chloro-3-methylphenol		U	11
91-57-6	2-Methylnaphthalene		U	11
77-47-4	Hexachlorocyclopentadiene		U	11
88-06-2	2,4,6-Trichlorophenol		U	11
95-95-4	2,4,5-Trichlorophenol		U	53
91-58-7	2-Chloronaphthalene		U	11
88-74-4	2-Nitroaniline		U	26
208-96-8	Acenaphthylene		U	11
131-11-3	Dimethylphthalate		U	11
606-20-2	2,6-Dinitrotoluene		U	11
83-32-9	Acenaphthene		U	11
99-09-2	3-Nitroaniline		U	26
51-28-5	2,4-Dinitrophenol		U	26
132-64-9	Dibenzofuran		U	11
121-14-2	2,4-Dinitrotoluene		U	11

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

CTDOHS PH-0654

EPA NY049

PA 68-378

3/00
M-NY049

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 Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-1

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) WATER Lab Sample ID: 237194-001
 Sample wt/vol: 950.0 (g/ml) ML Lab File ID: S30184.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 6/16/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	26
86-73-7	Fluorene		U	11
7005-72-3	4-Chlorophenyl-phenylether		U	11
84-66-2	Diethylphthalate		U	11
100-01-6	4-Nitroaniline		U	26
534-52-1	4,6-Dinitro-2-methylphenol		U	26
86-30-6	n-Nitrosodiphenylamine (1)		U	11
101-55-3	4-Bromophenyl-phenylether		U	11
118-74-1	Hexachlorobenzene		U	11
87-86-5	Pentachlorophenol		U	26
85-01-8	Phenanthrene		U	11
120-12-7	Anthracene		U	11
84-74-2	Di-n-butylphthalate		U	11
206-44-0	Fluoranthene		U	11
129-00-0	Pyrene		U	11
85-68-7	Butylbenzylphthalate		U	11
91-94-1	3,3'-Dichlorobenzidine		U	11
56-55-3	Benzo(a)anthracene		U	11
218-01-9	Chrysene		U	11
117-81-7	bis(2-Ethylhexyl)phthalate	3	JB	11
117-84-0	Di-n-octylphthalate		U	11
205-99-2	Benzo(b)fluoranthene		U	11
207-08-9	Benzo(k)fluoranthene		U	11
50-32-8	Benzo(a)pyrene		U	11
193-39-5	Indeno(1,2,3-cd)pyrene		U	11
62-75-9	n-Nitrosodimethylamine		U	11
53-70-3	Dibenz(a,h)anthracene		U	11
191-24-2	Benzo(g,h,i)perylene		U	11

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NYSDOH 10142

NJDEP 73015

FORM 10V-2

CTDORS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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Newburgh, NY 12550
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Fax (845) 562-0841

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW-1

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) WATER Lab Sample ID: 237194-001
Sample wt/vol: 950.0 (g/ml) ML Lab File ID: S30184.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/16/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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NYSDOH 10142

NJDEP 73015

FORM 1 SV TIC
CTDORS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049STL Newburgh
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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-2

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) WATER Lab Sample ID: 237194-002
 Sample wt/vol: 300.0 (g/ml) ML Lab File ID: S30185.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 6/16/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	33
108-95-2	Phenol		U	33
95-57-8	2-Chlorophenol		U	33
541-73-1	1,3-Dichlorobenzene		U	33
106-46-7	1,4-Dichlorobenzene		U	33
95-50-1	1,2-Dichlorobenzene		U	33
100-51-6	Benzyl alcohol		U	33
108-60-1	2,2'-oxybis(1-Chloropropane)		U	33
95-48-7	2-Methylphenol		U	33
67-72-1	Hexachloroethane		U	33
621-64-7	N-Nitroso-di-n-propylamine		U	33
106-44-5	4-Methylphenol		U	33
98-95-3	Nitrobenzene		U	33
78-59-1	Isophorone		U	33
88-75-5	2-Nitrophenol		U	33
105-67-9	2,4-Dimethylphenol		U	33
111-91-1	bis(2-Chloroethoxy)methane		U	33
120-83-2	2,4-Dichlorophenol		U	33
120-82-1	1,2,4-Trichlorobenzene		U	33
91-20-3	Naphthalene		U	33
106-47-8	4-Chloroaniline		U	33
87-68-3	Hexachlorobutadiene		U	33
59-50-7	4-Chloro-3-methylphenol		U	33
91-57-6	2-Methylnaphthalene		U	33
77-47-4	Hexachlorocyclopentadiene		U	33
88-06-2	2,4,6-Trichlorophenol		U	33
95-95-4	2,4,5-Trichlorophenol		U	170
91-58-7	2-Chloronaphthalene		U	33
88-74-4	2-Nitroaniline		U	83
208-96-8	Acenaphthylene		U	33
131-11-3	Dimethylphthalate		U	33
606-20-2	2,6-Dinitrotoluene		U	33
83-32-9	Acenaphthene		U	33
99-09-2	3-Nitroaniline		U	83
51-28-5	2,4-Dinitrophenol		U	83
132-64-9	Dibenzofuran		U	33
121-14-2	2,4-Dinitrotoluene		U	33

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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Newburgh, NY 12550
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SW-2

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) WATER Lab Sample ID: 237194-002

Sample wt/vol: 300.0 (g/ml) ML Lab File ID: S30185.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: _____ decanted:(Y/N) N Date Extracted: 6/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	83
86-73-7	Fluorene		U	33
7005-72-3	4-Chlorophenyl-phenylether		U	33
84-66-2	Diethylphthalate		U	33
100-01-6	4-Nitroaniline		U	83
534-52-1	4,6-Dinitro-2-methylphenol		U	83
86-30-6	n-Nitrosodiphenylamine (1)		U	33
101-55-3	4-Bromophenyl-phenylether		U	33
118-74-1	Hexachlorobenzene		U	33
87-86-5	Pentachlorophenol		U	83
85-01-8	Phenanthrene		U	33
120-12-7	Anthracene		U	33
84-74-2	Di-n-butylphthalate		U	33
206-44-0	Fluoranthene		U	33
129-00-0	Pyrene		U	33
85-68-7	Butylbenzylphthalate		U	33
91-94-1	3,3'-Dichlorobenzidine		U	33
56-55-3	Benzo(a)anthracene		U	33
218-01-9	Chrysene		U	33
117-81-7	bis(2-Ethylhexyl)phthalate	8	J B	33
117-84-0	Di-n-octylphthalate		U	33
205-99-2	Benzo(b)fluoranthene	4	J B	33
207-08-9	Benzo(k)fluoranthene		U	33
50-32-8	Benzo(a)pyrene		U	33
193-39-5	Indeno(1,2,3-cd)pyrene		U	33
62-75-9	n-Nitrosodimethylamine		U	33
53-70-3	Dibenz(a,h)anthracene		U	33
191-24-2	Benzo(g,h,i)perylene		U	33

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW-2

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) WATER Lab Sample ID: 237194-002
Sample wt/vol: 300.0 (g/ml) ML Lab File ID: S30185.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/16/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown CnH2n	16.98	11	J

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NYSDOH 10142

NJDEP 73015

FORM 1 SV TIC
CICDHS PH-0554

EPA NY049

PA 68-378

2/00
M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SW-3

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) WATER Lab Sample ID: 237194-003

Sample wt/vol: 930.0 (g/ml) ML Lab File ID: S30186.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: _____ decanted:(Y/N) N Date Extracted: 6/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	11
108-95-2	Phenol		U	11
95-57-8	2-Chlorophenol		U	11
541-73-1	1,3-Dichlorobenzene		U	11
106-46-7	1,4-Dichlorobenzene		U	11
95-50-1	1,2-Dichlorobenzene		U	11
100-51-6	Benzyl alcohol		U	11
108-60-1	2,2'-oxybis(1-Chloropropane)		U	11
95-48-7	2-Methylphenol		U	11
67-72-1	Hexachloroethane		U	11
621-64-7	N-Nitroso-di-n-propylamine		U	11
106-44-5	4-Methylphenol		U	11
98-95-3	Nitrobenzene		U	11
78-59-1	Isophorone		U	11
88-75-5	2-Nitrophenol		U	11
105-67-9	2,4-Dimethylphenol		U	11
111-91-1	bis(2-Chloroethoxy)methane		U	11
120-83-2	2,4-Dichlorophenol		U	11
120-82-1	1,2,4-Trichlorobenzene		U	11
91-20-3	Naphthalene		U	11
106-47-8	4-Chloroaniline		U	11
87-68-3	Hexachlorobutadiene		U	11
59-50-7	4-Chloro-3-methylphenol		U	11
91-57-6	2-Methylnaphthalene		U	11
77-47-4	Hexachlorocyclopentadiene		U	11
88-06-2	2,4,6-Trichlorophenol		U	11
95-95-4	2,4,5-Trichlorophenol		U	54
91-58-7	2-Chloronaphthalene		U	11
88-74-4	2-Nitroaniline		U	27
208-96-8	Acenaphthylene		U	11
131-11-3	Dimethylphthalate		U	11
606-20-2	2,6-Dinitrotoluene		U	11
83-32-9	Acenaphthene		U	11
99-09-2	3-Nitroaniline		U	27
51-28-5	2,4-Dinitrophenol		U	27
132-64-9	Dibenzofuran		U	11
121-14-2	2,4-Dinitrotoluene		U	11

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-3

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) WATER Lab Sample ID: 237194-003
 Sample wt/vol: 930.0 (g/ml) ML Lab File ID: S30186.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 6/16/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	27
86-73-7	Fluorene		U	11
7005-72-3	4-Chlorophenyl-phenylether		U	11
84-66-2	Diethylphthalate		U	11
100-01-6	4-Nitroaniline		U	27
534-52-1	4,6-Dinitro-2-methylphenol		U	27
86-30-6	n-Nitrosodiphenylamine (1)		U	11
101-55-3	4-Bromophenyl-phenylether		U	11
118-74-1	Hexachlorobenzene		U	11
87-86-5	Pentachlorophenol		U	27
85-01-8	Phenanthrene		U	11
120-12-7	Anthracene		U	11
84-74-2	Di-n-butylphthalate	2	U	11
206-44-0	Fluoranthene		U	11
129-00-0	Pyrene		U	11
85-68-7	Butylbenzylphthalate		U	11
91-94-1	3,3'-Dichlorobenzidine		U	11
56-55-3	Benzo(a)anthracene		U	11
218-01-9	Chrysene		U	11
117-81-7	bis(2-Ethylhexyl)phthalate	3	U	11
117-84-0	Di-n-octylphthalate		U	11
205-99-2	Benzo(b)fluoranthene		U	11
207-08-9	Benzo(k)fluoranthene		U	11
50-32-8	Benzo(a)pyrene		U	11
193-39-5	Indeno(1,2,3-cd)pyrene		U	11
62-75-9	n-Nitrosodimethylamine		U	11
53-70-3	Dibenz(a,h)anthracene		U	11
191-24-2	Benzo(g,h,i)perylene		U	11

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NYSDOH 10142

NJDEP 73015

FORM 13V-2

CTDORS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW-3

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) WATER Lab Sample ID: 237194-003

Sample wt/vol: 930.0 (g/ml) ML Lab File ID: S30186.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	16.75	7	JN
2.	Unknown C ₆ H ₁₂ n	16.97	3	J

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NYSDOH 10142

NJDEP 73016

FORM 1 SV-TIC
C100HS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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Tel (845) 562-0890
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-4

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) WATER Lab Sample ID: 237194-004
 Sample wt/vol: 820.0 (g/ml) ML Lab File ID: S30187.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 6/16/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	12
108-95-2	Phenol		U	12
95-57-8	2-Chlorophenol		U	12
541-73-1	1,3-Dichlorobenzene		U	12
106-46-7	1,4-Dichlorobenzene		U	12
95-50-1	1,2-Dichlorobenzene		U	12
100-51-6	Benzyl alcohol		U	12
108-60-1	2,2'-oxybis(1-Chloropropane)		U	12
95-48-7	2-Methylphenol		U	12
67-72-1	Hexachloroethane		U	12
621-64-7	N-Nitroso-di-n-propylamine		U	12
106-44-5	4-Methylphenol		U	12
98-95-3	Nitrobenzene		U	12
78-59-1	Isophorone		U	12
88-75-5	2-Nitrophenol		U	12
105-67-9	2,4-Dimethylphenol		U	12
111-91-1	bis(2-Chloroethoxy)methane		U	12
120-83-2	2,4-Dichlorophenol		U	12
120-82-1	1,2,4-Trichlorobenzene		U	12
91-20-3	Naphthalene		U	12
106-47-8	4-Chloroaniline		U	12
87-68-3	Hexachlorobutadiene		U	12
59-50-7	4-Chloro-3-methylphenol		U	12
91-57-6	2-Methylnaphthalene		U	12
77-47-4	Hexachlorocyclopentadiene		U	12
88-06-2	2,4,6-Trichlorophenol		U	12
95-95-4	2,4,5-Trichlorophenol		U	61
91-58-7	2-Chloronaphthalene		U	12
88-74-4	2-Nitroaniline		U	30
208-96-8	Acenaphthylene		U	12
131-11-3	Dimethylphthalate		U	12
606-20-2	2,6-Dinitrotoluene		U	12
83-32-9	Acenaphthene		U	12
99-09-2	3-Nitroaniline		U	30
51-28-5	2,4-Dinitrophenol		U	30
132-64-9	Dibenzofuran		U	12
121-14-2	2,4-Dinitrotoluene		U	12

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

CTDORS PH-0554

EPA NY049

PA 68-378

2/00

M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-4

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) WATER Lab Sample ID: 237194-004

Sample wt/vol: 820.0 (g/ml) ML Lab File ID: S30187.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: _____ decanted:(Y/N) N Date Extracted: 6/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	30
86-73-7	Fluorene		U	12
7005-72-3	4-Chlorophenyl-phenylether		U	12
84-66-2	Diethylphthalate		U	12
100-01-6	4-Nitroaniline		U	30
534-52-1	4,6-Dinitro-2-methylphenol		U	30
86-30-6	n-Nitrosodiphenylamine (1)		U	12
101-55-3	4-Bromophenyl-phenylether		U	12
118-74-1	Hexachlorobenzene		U	12
87-86-5	Pentachlorophenol		U	30
85-01-8	Phenanthrene		U	12
120-12-7	Anthracene		U	12
84-74-2	Di-n-butylphthalate	4	J B	12
206-44-0	Fluoranthene		U	12
129-00-0	Pyrene		U	12
85-68-7	Butylbenzylphthalate		U	12
91-94-1	3,3'-Dichlorobenzidine		U	12
56-55-3	Benzo(a)anthracene		U	12
218-01-9	Chrysene		U	12
117-81-7	bis(2-Ethylhexyl)phthalate	3	J B	12
117-84-0	Di-n-octylphthalate		U	12
205-99-2	Benzo(b)fluoranthene	1	J B	12
207-08-9	Benzo(k)fluoranthene		U	12
50-32-8	Benzo(a)pyrene		U	12
193-39-5	Indeno(1,2,3-cd)pyrene		U	12
62-75-9	n-Nitrosodimethylamine		U	12
53-70-3	Dibenz(a,h)anthracene		U	12
191-24-2	Benzo(g,h,i)perylene		U	12

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDORS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW-4

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) WATER Lab Sample ID: 237194-004
 Sample wt/vol: 820.0 (g/ml) ML Lab File ID: S30187.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 6/16/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	16.75	6	JN
2.	Unknown	18.58	3	J
3.	Unknown CnH2n+2	23.88	3	J

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NYSDOH 10142

NJDEP 73015

FORM 15V-TIC
C1D0H3 PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-5

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) WATER Lab Sample ID: 237194-005

Sample wt/vol: 300.0 (g/ml) ML Lab File ID: S30188.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: _____ decanted:(Y/N) N Date Extracted: 6/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	33
108-95-2	Phenol		U	33
95-57-8	2-Chlorophenol		U	33
541-73-1	1,3-Dichlorobenzene		U	33
106-46-7	1,4-Dichlorobenzene		U	33
95-50-1	1,2-Dichlorobenzene		U	33
100-51-6	Benzyl alcohol		U	33
108-60-1	2,2'-oxybis(1-Chloropropane)		U	33
95-48-7	2-Methylphenol		U	33
67-72-1	Hexachloroethane		U	33
621-64-7	N-Nitroso-di-n-propylamine		U	33
106-44-5	4-Methylphenol		U	33
98-95-3	Nitrobenzene		U	33
78-59-1	Isophorone		U	33
88-75-5	2-Nitrophenol		U	33
105-67-9	2,4-Dimethylphenol		U	33
111-91-1	bis(2-Chloroethoxy)methane		U	33
120-83-2	2,4-Dichlorophenol		U	33
120-82-1	1,2,4-Trichlorobenzene		U	33
91-20-3	Naphthalene		U	33
106-47-8	4-Chloroaniline		U	33
87-68-3	Hexachlorobutadiene		U	33
59-50-7	4-Chloro-3-methylphenol		U	33
91-57-6	2-Methylnaphthalene		U	33
77-47-4	Hexachlorocyclopentadiene		U	33
88-06-2	2,4,6-Trichlorophenol		U	33
95-95-4	2,4,5-Trichlorophenol		U	170
91-58-7	2-Chloronaphthalene		U	33
88-74-4	2-Nitroaniline		U	83
208-96-8	Acenaphthylene		U	33
131-11-3	Dimethylphthalate		U	33
606-20-2	2,6-Dinitrotoluene		U	33
83-32-9	Acenaphthene		U	33
99-09-2	3-Nitroaniline		U	83
51-28-5	2,4-Dinitrophenol		U	83
132-64-9	Dibenzofuran		U	33
121-14-2	2,4-Dinitrotoluene		U	33

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NYSDOH 10142

NJDEP 73015

FORM 1 SV 4

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

STL Newburgh
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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SW-5

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) WATER Lab Sample ID: 237194-005

Sample wt/vol: 300.0 (g/ml) ML Lab File ID: S30188.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: _____ decanted:(Y/N) N Date Extracted: 6/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	83
86-73-7	Fluorene		U	33
7005-72-3	4-Chlorophenyl-phenylether		U	33
84-66-2	Diethylphthalate		U	33
100-01-6	4-Nitroaniline		U	83
534-52-1	4,6-Dinitro-2-methylphenol		U	83
86-30-6	n-Nitrosodiphenylamine (1)		U	33
101-55-3	4-Bromophenyl-phenylether		U	33
118-74-1	Hexachlorobenzene		U	33
87-86-5	Pentachlorophenol		U	83
85-01-8	Phenanthrene		U	33
120-12-7	Anthracene		U	33
84-74-2	Di-n-butylphthalate	12	J B	33
206-44-0	Fluoranthene		U	33
129-00-0	Pyrene		U	33
85-68-7	Butylbenzylphthalate		U	33
91-94-1	3,3'-Dichlorobenzidine		U	33
56-55-3	Benzo(a)anthracene		U	33
218-01-9	Chrysene		U	33
117-81-7	bis(2-Ethylhexyl)phthalate	7	J B	33
117-84-0	Di-n-octylphthalate		U	33
205-99-2	Benzo(b)fluoranthene		U	33
207-08-9	Benzo(k)fluoranthene		U	33
50-32-8	Benzo(a)pyrene		U	33
193-39-5	Indeno(1,2,3-cd)pyrene		U	33
62-75-9	n-Nitrosodimethylamine		U	33
53-70-3	Dibenz(a,h)anthracene		U	33
191-24-2	Benzo(g,h,i)perylene		U	33

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW-5

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) WATER Lab Sample ID: 237194-005

Sample wt/vol: 300.0 (g/ml) ML Lab File ID: S30188.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	16.76	23	JN

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NYSDOH 10142

NJDEP 73015

FORM 10V-TIC
CTDOHS PH-0554

EPA NY049

PA 68-378

2/00
M-NY049

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

L-1

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) WATER Lab Sample ID: 237194-006

Sample wt/vol: 930.0 (g/ml) ML Lab File ID: S30189.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	11
108-95-2	Phenol		U	11
95-57-8	2-Chlorophenol		U	11
541-73-1	1,3-Dichlorobenzene		U	11
106-46-7	1,4-Dichlorobenzene		U	11
95-50-1	1,2-Dichlorobenzene		U	11
100-51-6	Benzyl alcohol		U	11
108-60-1	2,2'-oxybis(1-Chloropropane)		U	11
95-48-7	2-Methylphenol		U	11
67-72-1	Hexachloroethane		U	11
621-64-7	N-Nitroso-di-n-propylamine		U	11
106-44-5	4-Methylphenol		U	11
98-95-3	Nitrobenzene		U	11
78-59-1	Isophorone		U	11
88-75-5	2-Nitrophenol		U	11
105-67-9	2,4-Dimethylphenol		U	11
111-91-1	bis(2-Chloroethoxy)methane		U	11
120-83-2	2,4-Dichlorophenol		U	11
120-82-1	1,2,4-Trichlorobenzene		U	11
91-20-3	Naphthalene		U	11
106-47-8	4-Chloroaniline		U	11
87-68-3	Hexachlorobutadiene		U	11
59-50-7	4-Chloro-3-methylphenol		U	11
91-57-6	2-Methylnaphthalene		U	11
77-47-4	Hexachlorocyclopentadiene		U	11
88-06-2	2,4,6-Trichlorophenol		U	11
95-95-4	2,4,5-Trichlorophenol		U	54
91-58-7	2-Chloronaphthalene		U	11
88-74-4	2-Nitroaniline		U	27
208-96-8	Acenaphthylene		U	11
131-11-3	Dimethylphthalate		U	11
606-20-2	2,6-Dinitrotoluene		U	11
83-32-9	Acenaphthene		U	11
99-09-2	3-Nitroaniline		U	27
51-28-5	2,4-Dinitrophenol		U	27
132-64-9	Dibenzofuran		U	11
121-14-2	2,4-Dinitrotoluene		U	11

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NYSDOH 10142

NJDEP 73015

FORM 10V-1

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00

NY049

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

L-1

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) WATER Lab Sample ID: 237194-006
 Sample wt/vol: 930.0 (g/ml) ML Lab File ID: S30189.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 6/16/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	27
86-73-7	Fluorene		U	11
7005-72-3	4-Chlorophenyl-phenylether		U	11
84-66-2	Diethylphthalate		U	11
100-01-6	4-Nitroaniline		U	27
534-52-1	4,6-Dinitro-2-methylphenol		U	27
86-30-6	n-Nitrosodiphenylamine (1)		U	11
101-55-3	4-Bromophenyl-phenylether		U	11
118-74-1	Hexachlorobenzene		U	11
87-86-5	Pentachlorophenol		U	27
85-01-8	Phenanthrene		U	11
120-12-7	Anthracene		U	11
84-74-2	Di-n-butylphthalate	4	JB	11
206-44-0	Fluoranthene		U	11
129-00-0	Pyrene		U	11
85-68-7	Butylbenzylphthalate		U	11
91-94-1	3,3'-Dichlorobenzidine		U	11
56-55-3	Benzo(a)anthracene		U	11
218-01-9	Chrysene		U	11
117-81-7	bis(2-Ethylhexyl)phthalate	4	JB	11
117-84-0	Di-n-octylphthalate		U	11
205-99-2	Benzo(b)fluoranthene		U	11
207-08-9	Benzo(k)fluoranthene		U	11
50-32-8	Benzo(a)pyrene		U	11
193-39-5	Indeno(1,2,3-cd)pyrene		U	11
62-75-9	n-Nitrosodimethylamine		U	11
53-70-3	Dibenz(a,h)anthracene		U	11
191-24-2	Benzo(g,h,i)perylene		U	11

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**SEVERN
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NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDORS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

L-1

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) WATER Lab Sample ID: 237194-006
 Sample wt/vol: 930.0 (g/ml) ML Lab File ID: S30189.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 6/16/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 8 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	16.76	6	JN
2. 036653-82-4	1-Hexadecanol	18.59	23	JN
3.	Unknown CnH2n+2	20.11	5	J
4.	Unknown CnH2n+2	20.80	6	J
5.	Unknown	20.85	2	J
6.	Unknown CnH2n+2	21.47	5	J
7.	Unknown CnH2n+2	22.10	2	J
8.	Unknown CnH2n+2	23.88	3	J

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**SEVERN
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NYSDOH 10142

NJDEP 73015

FORM 10V-TIC
CTDOHS PH-0554

EPA NY049

PA 68-378

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M-NY049

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-1

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-007

Sample wt/vol: 30.4 (g/ml) G Lab File ID: E72185.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 38 decanted:(Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.69 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	530
108-95-2	Phenol		U	530
95-57-8	2-Chlorophenol		U	530
541-73-1	1,3-Dichlorobenzene		U	530
106-46-7	1,4-Dichlorobenzene		U	530
95-50-1	1,2-Dichlorobenzene		U	530
100-51-6	Benzyl alcohol		U	530
108-60-1	2,2'-oxybis(1-Chloropropane)		U	530
95-48-7	2-Methylphenol		U	530
67-72-1	Hexachloroethane		U	530
621-64-7	N-Nitroso-di-n-propylamine		U	530
106-44-5	4-Methylphenol		U	530
98-95-3	Nitrobenzene		U	530
78-59-1	Isophorone		U	530
88-75-5	2-Nitrophenol		U	530
105-67-9	2,4-Dimethylphenol		U	530
111-91-1	bis(2-Chloroethoxy)methane		U	530
120-83-2	2,4-Dichlorophenol		U	530
120-82-1	1,2,4-Trichlorobenzene		U	530
91-20-3	Naphthalene		U	530
106-47-8	4-Chloroaniline		U	530
87-68-3	Hexachlorobutadiene		U	530
59-50-7	4-Chloro-3-methylphenol		U	530
91-57-6	2-Methylnaphthalene		U	530
77-47-4	Hexachlorocyclopentadiene		U R	530
88-06-2	2,4,6-Trichlorophenol		U	530
95-95-4	2,4,5-Trichlorophenol		U	1300
91-58-7	2-Chloronaphthalene		U	530
88-74-4	2-Nitroaniline		U	1300
208-96-8	Acenaphthylene		U	530
131-11-3	Dimethylphthalate		U	530
606-20-2	2,6-Dinitrotoluene		U	530
83-32-9	Acenaphthene		U	530
99-09-2	3-Nitroaniline		U	1300
51-28-5	2,4-Dinitrophenol		U	1300
132-64-9	Dibenzofuran		U	530
121-14-2	2,4-Dinitrotoluene		U	530

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NYSDOH 10142

NJDEP 73015

FORM 1 SV 1

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-1

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-007

Sample wt/vol: 30.4 (g/ml) G Lab File ID: E72185.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 38 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.69 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1300
86-73-7	Fluorene		U	530
7005-72-3	4-Chlorophenyl-phenylether		U	530
84-66-2	Diethylphthalate		U	530
100-01-6	4-Nitroaniline		U	1300
534-52-1	4,6-Dinitro-2-methylphenol		U	1300
86-30-6	n-Nitrosodiphenylamine (1)		U	530
101-55-3	4-Bromophenyl-phenylether		U	530
118-74-1	Hexachlorobenzene		U	530
87-86-5	Pentachlorophenol		U	1300
85-01-8	Phenanthrene	730		530
120-12-7	Anthracene	150	J	530
84-74-2	Di-n-butylphthalate		U	530
206-44-0	Fluoranthene	1600		530
129-00-0	Pyrene	1700		530
85-68-7	Butylbenzylphthalate		U	530
91-94-1	3,3'-Dichlorobenzidine		U	530
56-55-3	Benzo(a)anthracene	810		530
218-01-9	Chrysene	950		530
117-81-7	bis(2-Ethylhexyl)phthalate	150	J	530
117-84-0	Di-n-octylphthalate		U	530
205-99-2	Benzo(b)fluoranthene	1200		530
207-08-9	Benzo(k)fluoranthene	500	J	530
50-32-8	Benzo(a)pyrene	810		530
193-39-5	Indeno(1,2,3-cd)pyrene	350	J	530
62-75-9	n-Nitrosodimethylamine		U	530
53-70-3	Dibenz(a,h)anthracene	120	J	530
191-24-2	Benzo(g,h,i)perylene	330	J	530

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NYSDOH 10142

NJDEP 73015

FORM 1 SV 2

CTDOHS PH-0554

EPA NY049

PA 66-378

3/00

M-NY049

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Fax (845) 562-0841

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-1

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-007

Sample wt/vol: 30.4 (g/ml) G Lab File ID: E72185.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 38 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.69

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.28	30000	JN
2. 000629-62-9	Pentadecane	20.60	330	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-2

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-008
 Sample wt/vol: 30.67 (g/ml) G Lab File ID: E72186.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 25.5 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.82 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

111-44-4	bis(2-Chloroethyl)ether		U	440
108-95-2	Phenol		U	440
95-57-8	2-Chlorophenol		U	440
541-73-1	1,3-Dichlorobenzene		U	440
106-46-7	1,4-Dichlorobenzene		U	440
95-50-1	1,2-Dichlorobenzene		U	440
100-51-6	Benzyl alcohol		U	440
108-60-1	2,2'-oxybis(1-Chloropropane)		U	440
95-48-7	2-Methylphenol		U	440
67-72-1	Hexachloroethane		U	440
621-64-7	N-Nitroso-di-n-propylamine		U	440
106-44-5	4-Methylphenol		U	440
98-95-3	Nitrobenzene		U	440
78-59-1	Isophorone		U	440
88-75-5	2-Nitrophenol		U	440
105-67-9	2,4-Dimethylphenol		U	440
111-91-1	bis(2-Chloroethoxy)methane		U	440
120-83-2	2,4-Dichlorophenol		U	440
120-82-1	1,2,4-Trichlorobenzene		U	440
91-20-3	Naphthalene		U	440
106-47-8	4-Chloroaniline		U	440
87-68-3	Hexachlorobutadiene		U	440
59-50-7	4-Chloro-3-methylphenol		U	440
91-57-6	2-Methylnaphthalene		U	440
77-47-4	Hexachlorocyclopentadiene		U R	440
88-06-2	2,4,6-Trichlorophenol		U	440
95-95-4	2,4,5-Trichlorophenol		U	1100
91-58-7	2-Chloronaphthalene		U	440
88-74-4	2-Nitroaniline		U	1100
208-96-8	Acenaphthylene		U	440
131-11-3	Dimethylphthalate		U	440
606-20-2	2,6-Dinitrotoluene		U	440
83-32-9	Acenaphthene		U	440
99-09-2	3-Nitroaniline		U	1100
51-28-5	2,4-Dinitrophenol		U	1100
132-64-9	Dibenzofuran		U	440
121-14-2	2,4-Dinitrotoluene		U	440

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NYSDOH 10142

NJDEP 73015

FORM 1 SV 1

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

3/00

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-2

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-008
 Sample wt/vol: 30.67 (g/ml) G Lab File ID: E72186.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 25.5 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.82 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1100
86-73-7	Fluorene		U	440
7005-72-3	4-Chlorophenyl-phenylether		U	440
84-66-2	Diethylphthalate		U	440
100-01-6	4-Nitroaniline		U	1100
534-52-1	4,6-Dinitro-2-methylphenol		U	1100
86-30-6	n-Nitrosodiphenylamine (1)		U	440
101-55-3	4-Bromophenyl-phenylether		U	440
118-74-1	Hexachlorobenzene		U	440
87-86-5	Pentachlorophenol		U	1100
85-01-8	Phenanthrene	180	J	440
120-12-7	Anthracene		U	440
84-74-2	Di-n-butylphthalate		U	440
206-44-0	Fluoranthene	300	J	440
129-00-0	Pyrene	300	J	440
85-68-7	Butylbenzylphthalate		U	440
91-94-1	3,3'-Dichlorobenzidine		U	440
56-55-3	Benzo(a)anthracene	140	J	440
218-01-9	Chrysene	160	J	440
117-81-7	bis(2-Ethylhexyl)phthalate	71	J	440
117-84-0	Di-n-octylphthalate		U	440
205-99-2	Benzo(b)fluoranthene	200	J	440
207-08-9	Benzo(k)fluoranthene	72	J	440
50-32-8	Benzo(a)pyrene	130	J	440
193-39-5	Indeno(1,2,3-cd)pyrene	57	J	440
62-75-9	n-Nitrosodimethylamine		U	440
53-70-3	Dibenz(a,h)anthracene		U	440
191-24-2	Benzo(g,h,i)perylene	52	J	440

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**SEVERN
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NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDORS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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Fax (845) 562-0841

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-2

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-008
Sample wt/vol: 30.67 (g/ml) G Lab File ID: E72186.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: 25.5 decanted: (Y/N) N Date Extracted: 6/23/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.82

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.37	44000	JN

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**SEVERN
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FORM 1 SV-TIC

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0654

EPA NY049

PA 68-378

M-NY049

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-3

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-009
 Sample wt/vol: 30.06 (g/ml) G Lab File ID: E72187.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 29.8 decanted: (Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.83 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	470
108-95-2	Phenol		U	470
95-57-8	2-Chlorophenol		U	470
541-73-1	1,3-Dichlorobenzene		U	470
106-46-7	1,4-Dichlorobenzene		U	470
95-50-1	1,2-Dichlorobenzene		U	470
100-51-6	Benzyl alcohol		U	470
108-60-1	2,2'-oxybis(1-Chloropropane)		U	470
95-48-7	2-Methylphenol		U	470
67-72-1	Hexachloroethane		U	470
621-64-7	N-Nitroso-di-n-propylamine		U	470
106-44-5	4-Methylphenol		U	470
98-95-3	Nitrobenzene		U	470
78-59-1	Isophorone		U	470
88-75-5	2-Nitrophenol		U	470
105-67-9	2,4-Dimethylphenol		U	470
111-91-1	bis(2-Chloroethoxy)methane		U	470
120-83-2	2,4-Dichlorophenol		U	470
120-82-1	1,2,4-Trichlorobenzene		U	470
91-20-3	Naphthalene		U	470
106-47-8	4-Chloroaniline		U	470
87-68-3	Hexachlorobutadiene		U	470
59-50-7	4-Chloro-3-methylphenol		U	470
91-57-6	2-Methylnaphthalene		U	470
77-47-4	Hexachlorocyclopentadiene		U R	470
88-06-2	2,4,6-Trichlorophenol		U	470
95-95-4	2,4,5-Trichlorophenol		U	1200
91-58-7	2-Chloronaphthalene		U	470
88-74-4	2-Nitroaniline		U	1200
208-96-8	Acenaphthylene		U	470
131-11-3	Dimethylphthalate		U	470
606-20-2	2,6-Dinitrotoluene		U	470
83-32-9	Acenaphthene		U	470
99-09-2	3-Nitroaniline		U	1200
51-28-5	2,4-Dinitrophenol		U	1200
132-64-9	Dibenzofuran		U	470
121-14-2	2,4-Dinitrotoluene		U	470

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-4

CTDORS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-3

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-009
 Sample wt/vol: 30.06 (g/ml) G Lab File ID: E72187.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 29.8 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.83 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1200
86-73-7	Fluorene		U	470
7005-72-3	4-Chlorophenyl-phenylether		U	470
84-66-2	Diethylphthalate		U	470
100-01-6	4-Nitroaniline		U	1200
534-52-1	4,6-Dinitro-2-methylphenol		U	1200
86-30-6	n-Nitrosodiphenylamine (1)		U	470
101-55-3	4-Bromophenyl-phenylether		U	470
118-74-1	Hexachlorobenzene		U	470
87-86-5	Pentachlorophenol		U	1200
85-01-8	Phenanthrene	100	J	470
120-12-7	Anthracene		U	470
84-74-2	Di-n-butylphthalate		U	470
206-44-0	Fluoranthene	180	J	470
129-00-0	Pyrene	170	J	470
85-68-7	Butylbenzylphthalate		U	470
91-94-1	3,3'-Dichlorobenzidine		U	470
56-55-3	Benzo(a)anthracene	71	J	470
218-01-9	Chrysene	110	J	470
117-81-7	bis(2-Ethylhexyl)phthalate	95	J	470
117-84-0	Di-n-octylphthalate		U	470
205-99-2	Benzo(b)fluoranthene	130	J	470
207-08-9	Benzo(k)fluoranthene	54	J	470
50-32-8	Benzo(a)pyrene	82	J	470
193-39-5	Indeno(1,2,3-cd)pyrene		U	470
62-75-9	n-Nitrosodimethylamine		U	470
53-70-3	Dibenz(a,h)anthracene		U	470
191-24-2	Benzo(g,h,i)perylene		U	470

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-3

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-009
 Sample wt/vol: 30.06 (g/ml) G Lab File ID: E72187.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 29.8 decanted: (Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.83

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.31	30000	JN
2.	Unknown C _n H _{2n} +2	24.37	1200	J

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-4

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-010
 Sample wt/vol: 30.83 (g/ml) G Lab File ID: E72201.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 61.4 decanted: (Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.52 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	840
108-95-2	Phenol		U	840
95-57-8	2-Chlorophenol		U	840
541-73-1	1,3-Dichlorobenzene		U	840
106-46-7	1,4-Dichlorobenzene		U	840
95-50-1	1,2-Dichlorobenzene		U	840
100-51-6	Benzyl alcohol		U	840
108-60-1	2,2'-oxybis(1-Chloropropane)		U	840
95-48-7	2-Methylphenol		U	840
67-72-1	Hexachloroethane		U	840
621-64-7	N-Nitroso-di-n-propylamine		U	840
106-44-5	4-Methylphenol	85	J	840
98-95-3	Nitrobenzene		U	840
78-59-1	Isophorone		U	840
88-75-5	2-Nitrophenol		U	840
105-67-9	2,4-Dimethylphenol		U	840
111-91-1	bis(2-Chloroethoxy)methane		U	840
120-83-2	2,4-Dichlorophenol		U	840
120-82-1	1,2,4-Trichlorobenzene		U	840
91-20-3	Naphthalene	100	J	840
106-47-8	4-Chloroaniline		U	840
87-68-3	Hexachlorobutadiene		U	840
59-50-7	4-Chloro-3-methylphenol		U	840
91-57-6	2-Methylnaphthalene	150	J	840
77-47-4	Hexachlorocyclopentadiene		U R	840
88-06-2	2,4,6-Trichlorophenol		U	840
95-95-4	2,4,5-Trichlorophenol		U	2100
91-58-7	2-Chloronaphthalene		U	840
88-74-4	2-Nitroaniline		U	2100
208-96-8	Acenaphthylene		U	840
131-11-3	Dimethylphthalate		U	840
606-20-2	2,6-Dinitrotoluene		U	840
83-32-9	Acenaphthene		U	840
99-09-2	3-Nitroaniline		U	2100
51-28-5	2,4-Dinitrophenol		U	2100
132-64-9	Dibenzofuran		U	840
121-14-2	2,4-Dinitrotoluene		U	840

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**SEVERN
TRENT** STL

NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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Newburgh, NY 12550
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-4

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-010
 Sample wt/vol: 30.83 (g/ml) G Lab File ID: E72201.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 61.4 decanted: (Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1:0
 GPC Cleanup: (Y/N) N pH: 6.52 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	2100
86-73-7	Fluorene		U	840
7005-72-3	4-Chlorophenyl-phenylether		U	840
84-66-2	Diethylphthalate		U	840
100-01-6	4-Nitroaniline		U	2100
534-52-1	4,6-Dinitro-2-methylphenol		U	2100
86-30-6	n-Nitrosodiphenylamine (1)		U	840
101-55-3	4-Bromophenyl-phenylether		U	840
118-74-1	Hexachlorobenzene		U	840
87-86-5	Pentachlorophenol		U	2100
85-01-8	Phenanthrene	950		840
120-12-7	Anthracene	170	J	840
84-74-2	Di-n-butylphthalate		U	840
206-44-0	Fluoranthene	1900		840
129-00-0	Pyrene	3800	J	840
85-68-7	Butylbenzylphthalate	120	J J	840
91-94-1	3,3'-Dichlorobenzidine		U J	840
56-55-3	Benzo(a)anthracene	1200	J	840
218-01-9	Chrysene	1600	J	840
117-81-7	bis(2-Ethylhexyl)phthalate	420	J J	840
117-84-0	Di-n-octylphthalate		U J	840
205-99-2	Benzo(b)fluoranthene	2900	J	840
207-08-9	Benzo(k)fluoranthene	1200	J	840
50-32-8	Benzo(a)pyrene	1700	J	840
193-39-5	Indeno(1,2,3-cd)pyrene	1000	J	840
62-75-9	n-Nitrosodimethylamine		U J	840
53-70-3	Dibenz(a,h)anthracene	310	J J	840
191-24-2	Benzo(g,h,i)perylene	950	J	840

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SEVERN
TRENT **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDORS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-4

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-010

Sample wt/vol: 30.83 (g/ml) G Lab File ID: E72201.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 61.4 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.52

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.29	54000	JN

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-4RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-010RE
 Sample wt/vol: 30.83 (g/ml) G Lab File ID: E72232.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 61.4 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.52 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	840
108-95-2	Phenol		U	840
95-57-8	2-Chlorophenol		U	840
541-73-1	1,3-Dichlorobenzene		U	840
106-46-7	1,4-Dichlorobenzene		U	840
95-50-1	1,2-Dichlorobenzene		U	840
100-51-6	Benzyl alcohol		U	840
108-60-1	2,2'-oxybis(1-Chloropropane)		U	840
95-48-7	2-Methylphenol		U	840
67-72-1	Hexachloroethane		U	840
621-64-7	N-Nitroso-di-n-propylamine		U	840
106-44-5	4-Methylphenol	95	J	840
98-95-3	Nitrobenzene		U	840
78-59-1	Isophorone		U	840
88-75-5	2-Nitrophenol		U	840
105-67-9	2,4-Dimethylphenol		U	840
111-91-1	bis(2-Chloroethoxy)methane		U	840
120-83-2	2,4-Dichlorophenol		U	840
120-82-1	1,2,4-Trichlorobenzene		U	840
91-20-3	Naphthalene	100	J	840
106-47-8	4-Chloroaniline		U	840
87-68-3	Hexachlorobutadiene		U	840
59-50-7	4-Chloro-3-methylphenol		U	840
91-57-6	2-Methylnaphthalene	150	J	840
77-47-4	Hexachlorocyclopentadiene		U	840
88-06-2	2,4,6-Trichlorophenol		U	840
95-95-4	2,4,5-Trichlorophenol		U	2100
91-58-7	2-Chloronaphthalene		U	840
88-74-4	2-Nitroaniline		U	2100
208-96-8	Acenaphthylene		U	840
131-11-3	Dimethylphthalate		U	840
606-20-2	2,6-Dinitrotoluene		U	840
83-32-9	Acenaphthene		U	840
99-09-2	3-Nitroaniline		U	2100
51-28-5	2,4-Dinitrophenol		U	2100
132-64-9	Dibenzofuran		U	840
121-14-2	2,4-Dinitrotoluene		U	840

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NYSDOH 10142

NJDEP 73015

FORM 1 SV 1

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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 Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-4RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-010RE
 Sample wt/vol: 30.83 (g/ml) G Lab File ID: E72232.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 61.4 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.52 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	2100
86-73-7	Fluorene		U	840
7005-72-3	4-Chlorophenyl-phenylether		U	840
84-66-2	Diethylphthalate		U	840
100-01-6	4-Nitroaniline		U	2100
534-52-1	4,6-Dinitro-2-methylphenol		U	2100
86-30-6	n-Nitrosodiphenylamine (1)		U	840
101-55-3	4-Bromophenyl-phenylether		U	840
118-74-1	Hexachlorobenzene		U	840
87-86-5	Pentachlorophenol		U	2100
85-01-8	Phenanthrene	950		840
120-12-7	Anthracene	160	J	840
84-74-2	Di-n-butylphthalate		U	840
206-44-0	Fluoranthene	1600		840
129-00-0	Pyrene	4300	J	840
85-68-7	Butylbenzylphthalate	160	J J	840
91-94-1	3,3'-Dichlorobenzidine		U J	840
56-55-3	Benzo(a)anthracene	1200	J J	840
218-01-9	Chrysene	1600	J J	840
117-81-7	bis(2-Ethylhexyl)phthalate	450	J J	840
117-84-0	Di-n-octylphthalate		U J	840
205-99-2	Benzo(b)fluoranthene	3000	J	840
207-08-9	Benzo(k)fluoranthene	1100	J J	840
50-32-8	Benzo(a)pyrene	1700	J J	840
193-39-5	Indeno(1,2,3-cd)pyrene	940	J J	840
62-75-9	n-Nitrosodimethylamine		U J	840
53-70-3	Dibenz(a,h)anthracene	400	J J	840
191-24-2	Benzo(g,h,i)perylene	910	J	840

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73016

FORM 10V-2

CTDORS PH-0554

EPA NY049

PA 68-378

M-NY049

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-4RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-010RE
 Sample wt/vol: 30.83 (g/ml) G Lab File ID: E72232.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 61.4 decanted: (Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.52

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.27	53000	JN

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-5

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-011
 Sample wt/vol: 30.4 (g/ml) G Lab File ID: E72188.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 19.6 decanted: (Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.87 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	410
108-95-2	Phenol		U	410
95-57-8	2-Chlorophenol		U	410
541-73-1	1,3-Dichlorobenzene		U	410
106-46-7	1,4-Dichlorobenzene		U	410
95-50-1	1,2-Dichlorobenzene		U	410
100-51-6	Benzyl alcohol		U	410
108-60-1	2,2'-oxybis(1-Chloropropane)		U	410
95-48-7	2-Methylphenol		U	410
67-72-1	Hexachloroethane		U	410
621-64-7	N-Nitroso-di-n-propylamine		U	410
106-44-5	4-Methylphenol		U	410
98-95-3	Nitrobenzene		U	410
78-59-1	Isophorone		U	410
88-75-5	2-Nitrophenol		U	410
105-67-9	2,4-Dimethylphenol		U	410
111-91-1	bis(2-Chloroethoxy)methane		U	410
120-83-2	2,4-Dichlorophenol		U	410
120-82-1	1,2,4-Trichlorobenzene		U	410
91-20-3	Naphthalene	130	J	410
106-47-8	4-Chloroaniline		U	410
87-68-3	Hexachlorobutadiene		U	410
59-50-7	4-Chloro-3-methylphenol		U	410
91-57-6	2-Methylnaphthalene	160	J	410
77-47-4	Hexachlorocyclopentadiene		U R	410
88-06-2	2,4,6-Trichlorophenol		U	410
95-95-4	2,4,5-Trichlorophenol		U	1000
91-58-7	2-Chloronaphthalene		U	410
88-74-4	2-Nitroaniline		U	1000
208-96-8	Acenaphthylene	46	J	410
131-11-3	Dimethylphthalate		U	410
606-20-2	2,6-Dinitrotoluene		U	410
83-32-9	Acenaphthene	46	J	410
99-09-2	3-Nitroaniline		U	1000
51-28-5	2,4-Dinitrophenol		U	1000
132-64-9	Dibenzofuran	84	J	410
121-14-2	2,4-Dinitrotoluene		U	410

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-5

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-011
 Sample wt/vol: 30.4 (g/ml) G Lab File ID: E72188.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 19.6 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.87 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1000
86-73-7	Fluorene	75	J	410
7005-72-3	4-Chlorophenyl-phenylether		U	410
84-66-2	Diethylphthalate		U	410
100-01-6	4-Nitroaniline		U	1000
534-52-1	4,6-Dinitro-2-methylphenol		U	1000
86-30-6	n-Nitrosodiphenylamine (1)		U	410
101-55-3	4-Bromophenyl-phenylether		U	410
118-74-1	Hexachlorobenzene		U	410
87-86-5	Pentachlorophenol		U	1000
85-01-8	Phenanthrene	1000		410
120-12-7	Anthracene	220	J	410
84-74-2	Di-n-butylphthalate		U	410
206-44-0	Fluoranthene	1200		410
129-00-0	Pyrene	1500		410
85-68-7	Butylbenzylphthalate		U	410
91-94-1	3,3'-Dichlorobenzidine		U	410
56-55-3	Benzo(a)anthracene	640		410
218-01-9	Chrysene	760		410
117-81-7	bis(2-Ethylhexyl)phthalate	120	J	410
117-84-0	Di-n-octylphthalate		U	410
205-99-2	Benzo(b)fluoranthene	980		410
207-08-9	Benzo(k)fluoranthene	280	J	410
50-32-8	Benzo(a)pyrene	620		410
193-39-5	Indeno(1,2,3-cd)pyrene	320	J	410
62-75-9	n-Nitrosodimethylamine		U	410
53-70-3	Dibenz(a,h)anthracene	120	J	410
191-24-2	Benzo(g,h,i)perylene	340	J	410

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDORS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-5

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-011
Sample wt/vol: 30.4 (g/ml) G Lab File ID: E72188.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: 19.6 decanted: (Y/N) N Date Extracted: 6/23/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.87

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.43	43000	JN

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-1

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-012
 Sample wt/vol: 30.12 (g/ml) G Lab File ID: E72200.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 52.5 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.58 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	700
108-95-2	Phenol		U	700
95-57-8	2-Chlorophenol		U	700
541-73-1	1,3-Dichlorobenzene		U	700
106-46-7	1,4-Dichlorobenzene		U	700
95-50-1	1,2-Dichlorobenzene		U	700
100-51-6	Benzyl alcohol		U	700
108-60-1	2,2'-oxybis(1-Chloropropane)		U	700
95-48-7	2-Methylphenol		U	700
67-72-1	Hexachloroethane		U	700
621-64-7	N-Nitroso-di-n-propylamine		U	700
106-44-5	4-Methylphenol		U	700
98-95-3	Nitrobenzene		U	700
78-59-1	Isophorone		U	700
88-75-5	2-Nitrophenol		U	700
105-67-9	2,4-Dimethylphenol		U	700
111-91-1	bis(2-Chloroethoxy)methane		U	700
120-83-2	2,4-Dichlorophenol		U	700
120-82-1	1,2,4-Trichlorobenzene		U	700
91-20-3	Naphthalene		U	700
106-47-8	4-Chloroaniline		U	700
87-68-3	Hexachlorobutadiene		U	700
59-50-7	4-Chloro-3-methylphenol		U	700
91-57-6	2-Methylnaphthalene		U	700
77-47-4	Hexachlorocyclopentadiene		U R	700
88-06-2	2,4,6-Trichlorophenol		U	700
95-95-4	2,4,5-Trichlorophenol		U	1700
91-58-7	2-Chloronaphthalene		U	700
88-74-4	2-Nitroaniline		U	1700
208-96-8	Acenaphthylene		U	700
131-11-3	Dimethylphthalate		U	700
606-20-2	2,6-Dinitrotoluene		U	700
83-32-9	Acenaphthene	97	J	700
99-09-2	3-Nitroaniline		U	1700
51-28-5	2,4-Dinitrophenol		U	1700
132-64-9	Dibenzofuran		U	700
121-14-2	2,4-Dinitrotoluene		U	700

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-1

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-012
 Sample wt/vol: 30.12 (g/ml) G Lab File ID: E72200.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 52.5 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.58 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1700
86-73-7	Fluorene	110	J	700
7005-72-3	4-Chlorophenyl-phenylether		U	700
84-66-2	Diethylphthalate		U	700
100-01-6	4-Nitroaniline		U	1700
534-52-1	4,6-Dinitro-2-methylphenol		U	1700
86-30-6	n-Nitrosodiphenylamine (1)		U	700
101-55-3	4-Bromophenyl-phenylether		U	700
118-74-1	Hexachlorobenzene		U	700
87-86-5	Pentachlorophenol		U	1700
85-01-8	Phenanthrene	1400		700
120-12-7	Anthracene	220	J	700
84-74-2	Di-n-butylphthalate		U	700
206-44-0	Fluoranthene	3100		700
129-00-0	Pyrene	4700		700
85-68-7	Butylbenzylphthalate	85	J	700
91-94-1	3,3'-Dichlorobenzidine		U	700
56-55-3	Benzo(a)anthracene	1400		700
218-01-9	Chrysene	2100		700
117-81-7	bis(2-Ethylhexyl)phthalate	1500		700
117-84-0	Di-n-octylphthalate		U J	700
205-99-2	Benzo(b)fluoranthene	3700	J	700
207-08-9	Benzo(k)fluoranthene	1200	J	700
50-32-8	Benzo(a)pyrene	2000	J	700
193-39-5	Indeno(1,2,3-cd)pyrene	1000	J	700
62-75-9	n-Nitrosodimethylamine		U J	700
53-70-3	Dibenz(a,h)anthracene	300	J J	700
191-24-2	Benzo(g,h,i)perylene	1000	J	700

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**SEVERN
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NYSDOH 10142

NJDEP 73015

FORM 13V-2

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-1

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-012

Sample wt/vol: 30.12 (g/ml) G Lab File ID: E72200.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 52.5 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.58

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.44	85000	JN
2. 86-74-8	Carbazole	17.32	230	JN

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SED-1RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-012RE

Sample wt/vol: 30.12 (g/ml) G Lab File ID: E72231.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 52.5 decanted:(Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.58 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	700
108-95-2	Phenol		U	700
95-57-8	2-Chlorophenol		U	700
541-73-1	1,3-Dichlorobenzene		U	700
106-46-7	1,4-Dichlorobenzene		U	700
95-50-1	1,2-Dichlorobenzene		U	700
100-51-6	Benzyl alcohol		U	700
108-60-1	2,2'-oxybis(1-Chloropropane)		U	700
95-48-7	2-Methylphenol		U	700
67-72-1	Hexachloroethane		U	700
621-64-7	N-Nitroso-di-n-propylamine		U	700
106-44-5	4-Methylphenol		U	700
98-95-3	Nitrobenzene		U	700
78-59-1	Isophorone		U	700
88-75-5	2-Nitrophenol		U	700
105-67-9	2,4-Dimethylphenol		U	700
111-91-1	bis(2-Chloroethoxy)methane		U	700
120-83-2	2,4-Dichlorophenol		U	700
120-82-1	1,2,4-Trichlorobenzene		U	700
91-20-3	Naphthalene		U	700
106-47-8	4-Chloroaniline		U	700
87-68-3	Hexachlorobutadiene		U	700
59-50-7	4-Chloro-3-methylphenol		U	700
91-57-6	2-Methylnaphthalene		U	700
77-47-4	Hexachlorocyclopentadiene		U	700
88-06-2	2,4,6-Trichlorophenol		U	700
95-95-4	2,4,5-Trichlorophenol		U	1700
91-58-7	2-Chloronaphthalene		U	700
88-74-4	2-Nitroaniline		U	1700
208-96-8	Acenaphthylene		U	700
131-11-3	Dimethylphthalate		U	700
606-20-2	2,6-Dinitrotoluene		U	700
83-32-9	Acenaphthene	120	J	700
99-09-2	3-Nitroaniline		U	1700
51-28-5	2,4-Dinitrophenol		U	1700
132-64-9	Dibenzofuran		U	700
121-14-2	2,4-Dinitrotoluene		U	700

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-1RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-012RE
 Sample wt/vol: 30.12 (g/ml) G Lab File ID: E72231.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 52.5 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.58 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1700
86-73-7	Fluorene	120	J	700
7005-72-3	4-Chlorophenyl-phenylether		U	700
84-66-2	Diethylphthalate		U	700
100-01-6	4-Nitroaniline		U	1700
534-52-1	4,6-Dinitro-2-methylphenol		U	1700
86-30-6	n-Nitrosodiphenylamine (1)		U	700
101-55-3	4-Bromophenyl-phenylether		U	700
118-74-1	Hexachlorobenzene		U	700
87-86-5	Pentachlorophenol		U	1700
85-01-8	Phenanthrene	1400		700
120-12-7	Anthracene	240	J	700
84-74-2	Di-n-butylphthalate		U	700
206-44-0	Fluoranthene	2500		700
129-00-0	Pyrene	5300		700
85-68-7	Butylbenzylphthalate	85	J	700
91-94-1	3,3'-Dichlorobenzidine		U	700
56-55-3	Benzo(a)anthracene	1400	J	700
218-01-9	Chrysene	2000	J	700
117-81-7	bis(2-Ethylhexyl)phthalate	1600	J	700
117-84-0	Di-n-octylphthalate		U	700
205-99-2	Benzo(b)fluoranthene	3500	J	700
207-08-9	Benzo(k)fluoranthene	1300	J	700
50-32-8	Benzo(a)pyrene	1900	J	700
193-39-5	Indeno(1,2,3-cd)pyrene	920	J	700
62-75-9	n-Nitrosodimethylamine		U	700
53-70-3	Dibenz(a,h)anthracene	290	J	700
191-24-2	Benzo(g,h,i)perylene	830	J	700

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDORS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-1RE

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-012RE
Sample wt/vol: 30.12 (g/ml) G Lab File ID: E72231.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: 52.5 decanted: (Y/N) N Date Extracted: 6/23/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.58

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.42	86000	JN
2.	C12H9F isomer	12.40	840	J

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**SEVERN
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NYSDOH 10142

NJDEP 73016

FORM 1 SV-TIC
CTDOHS PH-0554

EPA NY049

PA 68-378

3/90
M-NY049

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-2

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-013
 Sample wt/vol: 30.29 (g/ml) G Lab File ID: E72202.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 57.5 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.47 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	780
108-95-2	Phenol		U	780
95-57-8	2-Chlorophenol		U	780
541-73-1	1,3-Dichlorobenzene		U	780
106-46-7	1,4-Dichlorobenzene		U	780
95-50-1	1,2-Dichlorobenzene		U	780
100-51-6	Benzyl alcohol		U	780
108-60-1	2,2'-oxybis(1-Chloropropane)		U	780
95-48-7	2-Methylphenol		U	780
67-72-1	Hexachloroethane		U	780
621-64-7	N-Nitroso-di-n-propylamine		U	780
106-44-5	4-Methylphenol		U	780
98-95-3	Nitrobenzene		U	780
78-59-1	Isophorone		U	780
88-75-5	2-Nitrophenol		U	780
105-67-9	2,4-Dimethylphenol		U	780
111-91-1	bis(2-Chloroethoxy)methane		U	780
120-83-2	2,4-Dichlorophenol		U	780
120-82-1	1,2,4-Trichlorobenzene		U	780
91-20-3	Naphthalene	94	J	780
106-47-8	4-Chloroaniline		U	780
87-68-3	Hexachlorobutadiene		U	780
59-50-7	4-Chloro-3-methylphenol		U	780
91-57-6	2-Methylnaphthalene	81	J	780
77-47-4	Hexachlorocyclopentadiene		U R	780
88-06-2	2,4,6-Trichlorophenol		U	780
95-95-4	2,4,5-Trichlorophenol		U	1900
91-58-7	2-Chloronaphthalene		U	780
88-74-4	2-Nitroaniline		U	1900
208-96-8	Acenaphthylene		U	780
131-11-3	Dimethylphthalate		U	780
606-20-2	2,6-Dinitrotoluene		U	780
83-32-9	Acenaphthene	160	J	780
99-09-2	3-Nitroaniline		U	1900
51-28-5	2,4-Dinitrophenol		U	1900
132-64-9	Dibenzofuran	85	J	780
121-14-2	2,4-Dinitrotoluene		U	780

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-2

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-013
 Sample wt/vol: 30.29 (g/ml) G Lab File ID: E72202.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 57.5 decanted: (Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.47 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1900
86-73-7	Fluorene	170	J	780
7005-72-3	4-Chlorophenyl-phenylether		U	780
84-66-2	Diethylphthalate		U	780
100-01-6	4-Nitroaniline		U	1900
534-52-1	4,6-Dinitro-2-methylphenol		U	1900
86-30-6	n-Nitrosodiphenylamine (1)		U	780
101-55-3	4-Bromophenyl-phenylether		U	780
118-74-1	Hexachlorobenzene		U	780
87-86-5	Pentachlorophenol		U	1900
85-01-8	Phenanthrene	2400		780
120-12-7	Anthracene	410	J	780
84-74-2	Di-n-butylphthalate		U	780
206-44-0	Fluoranthene	4300		780
129-00-0	Pyrene	7800	E	780
85-68-7	Butylbenzylphthalate	100	J	780
91-94-1	3,3'-Dichlorobenzidine		U	780
56-55-3	Benzo(a)anthracene	2200		780
218-01-9	Chrysene	3200		780
117-81-7	bis(2-Ethylhexyl)phthalate	1700		780
117-84-0	Di-n-octylphthalate	110	J	780
205-99-2	Benzo(b)fluoranthene	5000		780
207-08-9	Benzo(k)fluoranthene	1700		780
50-32-8	Benzo(a)pyrene	2900		780
193-39-5	Indeno(1,2,3-cd)pyrene	1500		780
62-75-9	n-Nitrosodimethylamine		U	780
53-70-3	Dibenz(a,h)anthracene	470	J	780
191-24-2	Benzo(g,h,i)perylene	1500		780

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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Fax (845) 562-0841

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-2

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-013

Sample wt/vol: 30.29 (g/ml) G Lab File ID: E72202.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 57.5 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.47

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.22	24000	JN
2. 000367-12-4	Phenol, 2-fluoro-	5.93	430	JN
3.	Unknown	7.49	1000	J
4.	Unknown	8.90	410	J
5.	C12H9F isomer	12.41	770	J
6.	Unknown	13.74	360	J
7.	Unknown CnH2n+2	16.71	310	J
8.	C13H9N isomer	17.04	290	J
9. 86-74-8	Carbazole	17.33	330	JN
10.	C12H7Cl3 isomer	17.52	270	J
11.	C15H12 isomer	17.82	310	J
12.	C15H12 isomer	17.88	240	J
13.	Unknown	18.04	590	J
14.	Unknown CnH2nO	18.15	420	J
15.	Unknown	18.92	240	J
16.	methyl Pyrene isomer	20.60	600	J
17.	Unknown	21.61	430	J
18.	Unknown CnH2n+2	21.95	580	J
19.	Unknown CnH2n+2	23.20	990	J
20.	Unknown CnH2n+2	24.36	1500	J

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SEVERN
TRENT STL

NYSDOH 10142

NJDEP 73015

FORM LSV-TIC
CTDOHS PH-0554

EPA NY049

PA 68-378

3/90
M-NY049

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Newburgh, NY 12550
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-2DL

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-013DL
 Sample wt/vol: 30.29 (g/ml) G Lab File ID: E72233.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 57.5 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 2.0
 GPC Cleanup: (Y/N) N pH: 6.47 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	1600
108-95-2	Phenol		U	1600
95-57-8	2-Chlorophenol		U	1600
541-73-1	1,3-Dichlorobenzene		U	1600
106-46-7	1,4-Dichlorobenzene		U	1600
95-50-1	1,2-Dichlorobenzene		U	1600
100-51-6	Benzyl alcohol		U	1600
108-60-1	2,2'-oxybis(1-Chloropropane)		U	1600
95-48-7	2-Methylphenol		U	1600
67-72-1	Hexachloroethane		U	1600
621-64-7	N-Nitroso-di-n-propylamine		U	1600
106-44-5	4-Methylphenol		U	1600
98-95-3	Nitrobenzene		U	1600
78-59-1	Isophorone		U	1600
88-75-5	2-Nitrophenol		U	1600
105-67-9	2,4-Dimethylphenol		U	1600
111-91-1	bis(2-Chloroethoxy)methane		U	1600
120-83-2	2,4-Dichlorophenol		U	1600
120-82-1	1,2,4-Trichlorobenzene		U	1600
91-20-3	Naphthalene		U	1600
106-47-8	4-Chloroaniline		U	1600
87-68-3	Hexachlorobutadiene		U	1600
59-50-7	4-Chloro-3-methylphenol		U	1600
91-57-6	2-Methylnaphthalene		U	1600
77-47-4	Hexachlorocyclopentadiene		U	1600
88-06-2	2,4,6-Trichlorophenol		U	1600
95-95-4	2,4,5-Trichlorophenol		U	3900
91-58-7	2-Chloronaphthalene		U	1600
88-74-4	2-Nitroaniline		U	3900
208-96-8	Acenaphthylene		U	1600
131-11-3	Dimethylphthalate		U	1600
606-20-2	2,6-Dinitrotoluene		U	1600
83-32-9	Acenaphthene	160	JD	1600
99-09-2	3-Nitroaniline		U	3900
51-28-5	2,4-Dinitrophenol		U	3900
132-64-9	Dibenzofuran		U	1600
121-14-2	2,4-Dinitrotoluene		U	1600

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NYSDOH 10142

NJDEP 73015

FORM 1 SV 1

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

STL Newburgh
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Newburgh, NY 12550
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Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-2DL

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-013DL

Sample wt/vol: 30.29 (g/ml) G Lab File ID: E72233.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 57.5 decanted:(Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 6.47 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

100-02-7	4-Nitrophenol		U	3900
86-73-7	Fluorene	200	JD	1600
7005-72-3	4-Chlorophenyl-phenylether		U	1600
84-66-2	Diethylphthalate		U	1600
100-01-6	4-Nitroaniline		U	3900
534-52-1	4,6-Dinitro-2-methylphenol		U	3900
86-30-6	n-Nitrosodiphenylamine (1)		U	1600
101-55-3	4-Bromophenyl-phenylether		U	1600
118-74-1	Hexachlorobenzene		U	1600
87-86-5	Pentachlorophenol		U	3900
85-01-8	Phenanthrene	2500	D	1600
120-12-7	Anthracene	430	JD	1600
84-74-2	Di-n-butylphthalate		U	1600
206-44-0	Fluoranthene	4300	D	1600
129-00-0	Pyrene	9900	D J	1600
85-68-7	Butylbenzylphthalate		U J	1600
91-94-1	3,3'-Dichlorobenzidine		U J	1600
56-55-3	Benzo(a)anthracene	2400	D J	1600
218-01-9	Chrysene	3400	D J	1600
117-81-7	bis(2-Ethylhexyl)phthalate	2100	D J	1600
117-84-0	Di-n-octylphthalate	180	JD J	1600
205-99-2	Benzo(b)fluoranthene	5300	D J	1600
207-08-9	Benzo(k)fluoranthene	1800	D J	1600
50-32-8	Benzo(a)pyrene	2900	D J	1600
193-39-5	Indeno(1,2,3-cd)pyrene	1400	JD J	1600
62-75-9	n-Nitrosodimethylamine		U J	1600
53-70-3	Dibenz(a,h)anthracene	490	JD J	1600
191-24-2	Benzo(g,h,i)perylene	1300	JD J	1600

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDORS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-3

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-014
 Sample wt/vol: 30.99 (g/ml) G Lab File ID: E72203.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 53.6 decanted: (Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.61 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	700
108-95-2	Phenol		U	700
95-57-8	2-Chlorophenol		U	700
541-73-1	1,3-Dichlorobenzene		U	700
106-46-7	1,4-Dichlorobenzene		U	700
95-50-1	1,2-Dichlorobenzene		U	700
100-51-6	Benzyl alcohol		U	700
108-60-1	2,2'-oxybis(1-Chloropropane)		U	700
95-48-7	2-Methylphenol		U	700
67-72-1	Hexachloroethane		U	700
621-64-7	N-Nitroso-di-n-propylamine		U	700
106-44-5	4-Methylphenol		U	700
98-95-3	Nitrobenzene		U	700
78-59-1	Isophorone		U	700
88-75-5	2-Nitrophenol		U	700
105-67-9	2,4-Dimethylphenol		U	700
111-91-1	bis(2-Chloroethoxy)methane		U	700
120-83-2	2,4-Dichlorophenol		U	700
120-82-1	1,2,4-Trichlorobenzene		U	700
91-20-3	Naphthalene		U	700
106-47-8	4-Chloroaniline		U	700
87-68-3	Hexachlorobutadiene		U	700
59-50-7	4-Chloro-3-methylphenol		U	700
91-57-6	2-Methylnaphthalene		U	700
77-47-4	Hexachlorocyclopentadiene		U R	700
88-06-2	2,4,6-Trichlorophenol		U	700
95-95-4	2,4,5-Trichlorophenol		U	1700
91-58-7	2-Chloronaphthalene		U	700
88-74-4	2-Nitroaniline		U	1700
208-96-8	Acenaphthylene		U	700
131-11-3	Dimethylphthalate		U	700
606-20-2	2,6-Dinitrotoluene		U	700
83-32-9	Acenaphthene	93	J	700
99-09-2	3-Nitroaniline		U	1700
51-28-5	2,4-Dinitrophenol		U	1700
132-64-9	Dibenzofuran		U	700
121-14-2	2,4-Dinitrotoluene		U	700

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

CTDOHS PH-0554

EPA NY049

PA 68-378

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M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-3

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-014
 Sample wt/vol: 30.99 (g/ml) G Lab File ID: E72203.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 53.6 decanted: (Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.61 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1700
86-73-7	Fluorene	96	J	700
7005-72-3	4-Chlorophenyl-phenylether		U	700
84-66-2	Diethylphthalate		U	700
100-01-6	4-Nitroaniline		U	1700
534-52-1	4,6-Dinitro-2-methylphenol		U	1700
86-30-6	n-Nitrosodiphenylamine (1)		U	700
101-55-3	4-Bromophenyl-phenylether		U	700
118-74-1	Hexachlorobenzene		U	700
87-86-5	Pentachlorophenol		U	1700
85-01-8	Phenanthrene	1300		700
120-12-7	Anthracene	230	J	700
84-74-2	Di-n-butylphthalate		U	700
206-44-0	Fluoranthene	2700		700
129-00-0	Pyrene	5100		700
85-68-7	Butylbenzylphthalate	100	J	700
91-94-1	3,3'-Dichlorobenzidine		U	700
56-55-3	Benzo(a)anthracene	1300		700
218-01-9	Chrysene	1800		700
117-81-7	bis(2-Ethylhexyl)phthalate	1300		700
117-84-0	Di-n-octylphthalate		U	700
205-99-2	Benzo(b)fluoranthene	3000		700
207-08-9	Benzo(k)fluoranthene	890		700
50-32-8	Benzo(a)pyrene	1600		700
193-39-5	Indeno(1,2,3-cd)pyrene	790		700
62-75-9	n-Nitrosodimethylamine		U	700
53-70-3	Dibenz(a,h)anthracene	290	J	700
191-24-2	Benzo(g,h,i)perylene	770		700

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NYS DOH 10142

NJ DEP 73015

FORM 13V-2

CIDOMS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-3

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-014
Sample wt/vol: 30.99 (g/ml) G Lab File ID: E72203.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: 53.6 decanted: (Y/N) N Date Extracted: 6/23/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.61

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.36	66000	JN
2.	C10H16O Isomer	21.61	1000	J
3.	Unknown	21.93	1400	J

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FORM I SV-TIC

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

3/90

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Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-4

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-015
 Sample wt/vol: 30.52 (g/ml) G Lab File ID: E72194.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 47.2 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.65 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	620
108-95-2	Phenol		U	620
95-57-8	2-Chlorophenol		U	620
541-73-1	1,3-Dichlorobenzene		U	620
106-46-7	1,4-Dichlorobenzene		U	620
95-50-1	1,2-Dichlorobenzene		U	620
100-51-6	Benzyl alcohol		U	620
108-60-1	2,2'-oxybis(1-Chloropropane)		U	620
95-48-7	2-Methylphenol		U	620
67-72-1	Hexachloroethane		U	620
621-64-7	N-Nitroso-di-n-propylamine		U	620
106-44-5	4-Methylphenol		U	620
98-95-3	Nitrobenzene		U	620
78-59-1	Isophorone		U	620
88-75-5	2-Nitrophenol		U	620
105-67-9	2,4-Dimethylphenol		U	620
111-91-1	bis(2-Chloroethoxy)methane		U	620
120-83-2	2,4-Dichlorophenol		U	620
120-82-1	1,2,4-Trichlorobenzene		U	620
91-20-3	Naphthalene		U	620
106-47-8	4-Chloroaniline		U	620
87-68-3	Hexachlorobutadiene		U	620
59-50-7	4-Chloro-3-methylphenol		U	620
91-57-6	2-Methylnaphthalene		U	620
77-47-4	Hexachlorocyclopentadiene		U R	620
88-06-2	2,4,6-Trichlorophenol		U	620
95-95-4	2,4,5-Trichlorophenol		U	1600
91-58-7	2-Chloronaphthalene		U	620
88-74-4	2-Nitroaniline		U	1600
208-96-8	Acenaphthylene		U	620
131-11-3	Dimethylphthalate		U	620
606-20-2	2,6-Dinitrotoluene		U	620
83-32-9	Acenaphthene	65	J	620
99-09-2	3-Nitroaniline		U	1600
51-28-5	2,4-Dinitrophenol		U	1600
132-64-9	Dibenzofuran		U	620
121-14-2	2,4-Dinitrotoluene		U	620

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-4

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-015
 Sample wt/vol: 30.52 (g/ml) G Lab File ID: E72194.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 47.2 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.65 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1600
86-73-7	Fluorene	73	J	620
7005-72-3	4-Chlorophenyl-phenylether		U	620
84-66-2	Diethylphthalate		U	620
100-01-6	4-Nitroaniline		U	1600
534-52-1	4,6-Dinitro-2-methylphenol		U	1600
86-30-6	n-Nitrosodiphenylamine (1)		U	620
101-55-3	4-Bromophenyl-phenylether		U	620
118-74-1	Hexachlorobenzene		U	620
87-86-5	Pentachlorophenol		U	1600
85-01-8	Phenanthrene	1100		620
120-12-7	Anthracene	200	J	620
84-74-2	Di-n-butylphthalate		U	620
206-44-0	Fluoranthene	2200		620
129-00-0	Pyrene	3600	J	620
85-68-7	Butylbenzylphthalate	80	J J	620
91-94-1	3,3'-Dichlorobenzidine		U J	620
56-55-3	Benzo(a)anthracene	1100	J	620
218-01-9	Chrysene	1600	J J	620
117-81-7	bis(2-Ethylhexyl)phthalate	600	J J	620
117-84-0	Di-n-octylphthalate		U J	620
205-99-2	Benzo(b)fluoranthene	2400	J	620
207-08-9	Benzo(k)fluoranthene	860	J	620
50-32-8	Benzo(a)pyrene	1400	J	620
193-39-5	Indeno(1,2,3-cd)pyrene	720	J	620
62-75-9	n-Nitrosodimethylamine		U J	620
53-70-3	Dibenz(a,h)anthracene	250	J	620
191-24-2	Benzo(g,h,i)perylene	700	J	620

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**SEVERN
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NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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Newburgh, NY 12550
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Fax (845) 562-0841

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-4

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-015

Sample wt/vol: 30.52 (g/ml) G Lab File ID: E72194.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 47.2 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.65

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.26	34000	JN
2.	Unknown	21.61	990	J
3.	Unknown	21.93	1100	J
4.	Unknown C _n H _{2n+2}	23.21	750	J

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-4RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-015RE
 Sample wt/vol: 30.52 (g/ml) G Lab File ID: E72211.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 47.2 decanted: (Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.65 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	620
108-95-2	Phenol		U	620
95-57-8	2-Chlorophenol		U	620
541-73-1	1,3-Dichlorobenzene		U	620
106-46-7	1,4-Dichlorobenzene		U	620
95-50-1	1,2-Dichlorobenzene		U	620
100-51-6	Benzyl alcohol		U	620
108-60-1	2,2'-oxybis(1-Chloropropane)		U	620
95-48-7	2-Methyphenol		U	620
67-72-1	Hexachloroethane		U	620
621-64-7	N-Nitroso-di-n-propylamine		U	620
106-44-5	4-Methyphenol		U	620
98-95-3	Nitrobenzene		U	620
78-59-1	Isophorone		U	620
88-75-5	2-Nitrophenol		U	620
105-67-9	2,4-Dimethyphenol		U	620
111-91-1	bis(2-Chloroethoxy)methane		U	620
120-83-2	2,4-Dichlorophenol		U	620
120-82-1	1,2,4-Trichlorobenzene		U	620
91-20-3	Naphthalene		U	620
106-47-8	4-Chloroaniline		U	620
87-68-3	Hexachlorobutadiene		U	620
59-50-7	4-Chloro-3-methyphenol		U	620
91-57-6	2-Methylnaphthalene		U	620
77-47-4	Hexachlorocyclopentadiene		U R	620
88-06-2	2,4,6-Trichlorophenol		U	620
95-95-4	2,4,5-Trichlorophenol		U	1600
91-58-7	2-Chloronaphthalene		U	620
88-74-4	2-Nitroaniline		U	1600
208-96-8	Acenaphthylene		U	620
131-11-3	Dimethyphthalate		U	620
606-20-2	2,6-Dinitrotoluene		U	620
83-32-9	Acenaphthene	63	J	620
99-09-2	3-Nitroaniline		U	1600
51-28-5	2,4-Dinitrophenol		U	1600
132-64-9	Dibenzofuran		U	620
121-14-2	2,4-Dinitrotoluene		U	620

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

CIDOH5 PH-0554

EPA NY049

PA 68-378

3/00
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-4RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-015RE
 Sample wt/vol: 30.52 (g/ml) G Lab File ID: E72211.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 47.2 decanted: (Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.65 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1600
86-73-7	Fluorene	80	J	620
7005-72-3	4-Chlorophenyl-phenylether		U	620
84-66-2	Diethylphthalate		U	620
100-01-6	4-Nitroaniline		U	1600
534-52-1	4,6-Dinitro-2-methylphenol		U	1600
86-30-6	n-Nitrosodiphenylamine (1)		U	620
101-55-3	4-Bromophenyl-phenylether		U	620
118-74-1	Hexachlorobenzene		U	620
87-86-5	Pentachlorophenol		U	1600
85-01-8	Phenanthrene	1200		620
120-12-7	Anthracene	200	J	620
84-74-2	Di-n-butylphthalate		U	620
206-44-0	Fluoranthene	2000		620
129-00-0	Pyrene	4300		620
85-68-7	Butylbenzylphthalate	93	J	620
91-94-1	3,3'-Dichlorobenzidine		U	620
56-55-3	Benzo(a)anthracene	1100		620
218-01-9	Chrysene	1600		620
117-81-7	bis(2-Ethylhexyl)phthalate	720		620
117-84-0	Di-n-octylphthalate		U	620
205-99-2	Benzo(b)fluoranthene	2500		620
207-08-9	Benzo(k)fluoranthene	780		620
50-32-8	Benzo(a)pyrene	1400		620
193-39-5	Indeno(1,2,3-cd)pyrene	810		620
62-75-9	n-Nitrosodimethylamine		U	620
53-70-3	Dibenz(a,h)anthracene	280	J	620
191-24-2	Benzo(g,h,i)perylene	840	J	620

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NYS DOH 10142

NJ DEP 73015

FORM 1 SV-2

CT DOHS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-4RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-015RE
 Sample wt/vol: 30.52 (g/ml) G Lab File ID: E72211.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 47.2 decanted: (Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.65

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.25	34000	JN
2.	Unknown	21.59	950	J
3.	Unknown	21.91	1400	J
4.	Unknown C _n H _{2n+2}	23.19	860	J

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-TIC
CTDOHS PH-0554

EPA NY049

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-5

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-016
 Sample wt/vol: 30.31 (g/ml) G Lab File ID: E72195.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 52.9 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.81 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	700
108-95-2	Phenol		U	700
95-57-8	2-Chlorophenol		U	700
541-73-1	1,3-Dichlorobenzene		U	700
106-46-7	1,4-Dichlorobenzene		U	700
95-50-1	1,2-Dichlorobenzene		U	700
100-51-6	Benzyl alcohol		U	700
108-60-1	2,2'-oxybis(1-Chloropropane)		U	700
95-48-7	2-Methylphenol		U	700
67-72-1	Hexachloroethane		U	700
621-64-7	N-Nitroso-di-n-propylamine		U	700
106-44-5	4-Methylphenol		U	700
98-95-3	Nitrobenzene		U	700
78-59-1	Isophorone		U	700
88-75-5	2-Nitrophenol		U	700
105-67-9	2,4-Dimethylphenol		U	700
111-91-1	bis(2-Chloroethoxy)methane		U	700
120-83-2	2,4-Dichlorophenol		U	700
120-82-1	1,2,4-Trichlorobenzene		U	700
91-20-3	Naphthalene		U	700
106-47-8	4-Chloroaniline		U	700
87-68-3	Hexachlorobutadiene		U	700
59-50-7	4-Chloro-3-methylphenol		U	700
91-57-6	2-Methylnaphthalene		U	700
77-47-4	Hexachlorocyclopentadiene		U R	700
88-06-2	2,4,6-Trichlorophenol		U	700
95-95-4	2,4,5-Trichlorophenol		U	1800
91-58-7	2-Chloronaphthalene		U	700
88-74-4	2-Nitroaniline		U	1800
208-96-8	Acenaphthylene		U	700
131-11-3	Dimethylphthalate		U	700
606-20-2	2,6-Dinitrotoluene		U	700
83-32-9	Acenaphthene		U	700
99-09-2	3-Nitroaniline		U	1800
51-28-5	2,4-Dinitrophenol		U	1800
132-64-9	Dibenzofuran		U	700
121-14-2	2,4-Dinitrotoluene		U	700

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

CTDOHS PH-0554

EPA NY049

PA 68-378

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MAY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-5

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-016
 Sample wt/vol: 30.31 (g/ml) G Lab File ID: E72195.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 52.9 decanted: (Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.81 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1800
86-73-7	Fluorene		U	700
7005-72-3	4-Chlorophenyl-phenylether		U	700
84-66-2	Diethylphthalate		U	700
100-01-6	4-Nitroaniline		U	1800
534-52-1	4,6-Dinitro-2-methylphenol		U	1800
86-30-6	n-Nitrosodiphenylamine (1)		U	700
101-55-3	4-Bromophenyl-phenylether		U	700
118-74-1	Hexachlorobenzene		U	700
87-86-5	Pentachlorophenol		U	1800
85-01-8	Phenanthrene	950		700
120-12-7	Anthracene	180	J	700
84-74-2	Di-n-butylphthalate		U	700
206-44-0	Fluoranthene	2200		700
129-00-0	Pyrene	3000		700
85-68-7	Butylbenzylphthalate		U	700
91-94-1	3,3'-Dichlorobenzidine		U	700
56-55-3	Benzo(a)anthracene	910		700
218-01-9	Chrysene	1300		700
117-81-7	bis(2-Ethylhexyl)phthalate	650	J	700
117-84-0	Di-n-octylphthalate		U	700
205-99-2	Benzo(b)fluoranthene	2000		700
207-08-9	Benzo(k)fluoranthene	750		700
50-32-8	Benzo(a)pyrene	1200		700
193-39-5	Indeno(1,2,3-cd)pyrene	580	J	700
62-75-9	n-Nitrosodimethylamine		U	700
53-70-3	Dibenz(a,h)anthracene	190	J	700
191-24-2	Benzo(g,h,i)perylene	540	J	700

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NYSDOH 10142

NJDEP 73015

FORM 101-2

CDORS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-5

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-016
Sample wt/vol: 30.31 (g/ml) G Lab File ID: E72195.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: 52.9 decanted: (Y/N) N Date Extracted: 6/23/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.81

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.32	38000	JN
2.	Unknown	21.61	830	J

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FORM 1 SV-TIC

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

3/90

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-5RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-016RE
 Sample wt/vol: 30.31 (g/ml) G Lab File ID: E72212.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 52.9 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.81 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	700
108-95-2	Phenol		U	700
95-57-8	2-Chlorophenol		U	700
541-73-1	1,3-Dichlorobenzene		U	700
106-46-7	1,4-Dichlorobenzene		U	700
95-50-1	1,2-Dichlorobenzene		U	700
100-51-6	Benzyl alcohol		U	700
108-60-1	2,2'-oxybis(1-Chloropropane)		U	700
95-48-7	2-Methylphenol		U	700
67-72-1	Hexachloroethane		U	700
621-64-7	N-Nitroso-di-n-propylamine		U	700
106-44-5	4-Methylphenol		U	700
98-95-3	Nitrobenzene		U	700
78-59-1	Isophorone		U	700
88-75-5	2-Nitrophenol		U	700
105-67-9	2,4-Dimethylphenol		U	700
111-91-1	bis(2-Chloroethoxy)methane		U	700
120-83-2	2,4-Dichlorophenol		U	700
120-82-1	1,2,4-Trichlorobenzene		U	700
91-20-3	Naphthalene		U	700
106-47-8	4-Chloroaniline		U	700
87-68-3	Hexachlorobutadiene		U	700
59-50-7	4-Chloro-3-methylphenol		U	700
91-57-6	2-Methylnaphthalene		U	700
77-47-4	Hexachlorocyclopentadiene		U R	700
88-06-2	2,4,6-Trichlorophenol		U	700
95-95-4	2,4,5-Trichlorophenol		U	1800
91-58-7	2-Chloronaphthalene		U	700
88-74-4	2-Nitroaniline		U	1800
208-96-8	Acenaphthylene		U	700
131-11-3	Dimethylphthalate		U	700
606-20-2	2,6-Dinitrotoluene		U	700
83-32-9	Acenaphthene		U	700
99-09-2	3-Nitroaniline		U	1800
51-28-5	2,4-Dinitrophenol		U	1800
132-64-9	Dibenzofuran		U	700
121-14-2	2,4-Dinitrotoluene		U	700

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NYSDOH 10142

NJDEP 73015

FORM 10V.4

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-5RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-016RE
 Sample wt/vol: 30.31 (g/ml) G Lab File ID: E72212.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 52.9 decanted: (Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.81 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1800
86-73-7	Fluorene	72	J	700
7005-72-3	4-Chlorophenyl-phenylether		U	700
84-66-2	Diethylphthalate		U	700
100-01-6	4-Nitroaniline		U	1800
534-52-1	4,6-Dinitro-2-methylphenol		U	1800
86-30-6	n-Nitrosodiphenylamine (1)		U	700
101-55-3	4-Bromophenyl-phenylether		U	700
118-74-1	Hexachlorobenzene		U	700
87-86-5	Pentachlorophenol		U	1800
85-01-8	Phenanthrene	970		700
120-12-7	Anthracene	180	J	700
84-74-2	Di-n-butylphthalate		U	700
206-44-0	Fluoranthene	1900		700
129-00-0	Pyrene	3600		700
85-68-7	Butylbenzylphthalate	74	J	700
91-94-1	3,3'-Dichlorobenzidine		U	700
56-55-3	Benzo(a)anthracene	960		700
218-01-9	Chrysene	1200		700
117-81-7	bis(2-Ethylhexyl)phthalate	790		700
117-84-0	Di-n-octylphthalate		U	700
205-99-2	Benzo(b)fluoranthene	1900		700
207-08-9	Benzo(k)fluoranthene	740		700
50-32-8	Benzo(a)pyrene	1200		700
193-39-5	Indeno(1,2,3-cd)pyrene	650	J	700
62-75-9	n-Nitrosodimethylamine		U	700
53-70-3	Dibenz(a,h)anthracene	290	J	700
191-24-2	Benzo(g,h,i)perylene	680	J	700

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NYS DOH 10142

NJ DEP 73015

FORM 1 SV-2

CT DOHS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-5RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-016RE

Sample wt/vol: 30.31 (g/ml) G Lab File ID: E72212.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 52.9 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.81

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.26	37000	JN
2.	Unknown	18.03	290	J
3.	Unknown	21.59	950	J
4.	Unknown	21.92	750	J
5.	Unknown C _n H _{2n+2}	23.20	630	J

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-6

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-017
 Sample wt/vol: 30.91 (g/ml) G Lab File ID: E72189.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 49.7 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.54 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	640
108-95-2	Phenol		U	640
95-57-8	2-Chlorophenol		U	640
541-73-1	1,3-Dichlorobenzene		U	640
106-46-7	1,4-Dichlorobenzene		U	640
95-50-1	1,2-Dichlorobenzene		U	640
100-51-6	Benzyl alcohol		U	640
108-60-1	2,2'-oxybis(1-Chloropropane)		U	640
95-48-7	2-Methylphenol		U	640
67-72-1	Hexachloroethane		U	640
621-64-7	N-Nitroso-di-n-propylamine		U	640
106-44-5	4-Methylphenol		U	640
98-95-3	Nitrobenzene		U	640
78-59-1	Isophorone		U	640
88-75-5	2-Nitrophenol		U	640
105-67-9	2,4-Dimethylphenol		U	640
111-91-1	bis(2-Chloroethoxy)methane		U	640
120-83-2	2,4-Dichlorophenol		U	640
120-82-1	1,2,4-Trichlorobenzene		U	640
91-20-3	Naphthalene		U	640
106-47-8	4-Chloroaniline		U	640
87-68-3	Hexachlorobutadiene		U	640
59-50-7	4-Chloro-3-methylphenol		U	640
91-57-6	2-Methylnaphthalene		U	640
77-47-4	Hexachlorocyclopentadiene		U R	640
88-06-2	2,4,6-Trichlorophenol		U	640
95-95-4	2,4,5-Trichlorophenol		U	1600
91-58-7	2-Chloronaphthalene		U	640
88-74-4	2-Nitroaniline		U	1600
208-96-8	Acenaphthylene		U	640
131-11-3	Dimethylphthalate		U	640
606-20-2	2,6-Dinitrotoluene		U	640
83-32-9	Acenaphthene		U	640
99-09-2	3-Nitroaniline		U	1600
51-28-5	2,4-Dinitrophenol		U	1600
132-64-9	Dibenzofuran		U	640
121-14-2	2,4-Dinitrotoluene		U	640

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NYS DOH 10142

NJ DEP 73015

FORM 1 SV-1

CT DOHS PH-0554

EPA NY049

PA 68-378

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M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-6

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-017
 Sample wt/vol: 30.91 (g/ml) G Lab File ID: E72189.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 49.7 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.54 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1600
86-73-7	Fluorene		U	640
7005-72-3	4-Chlorophenyl-phenylether		U	640
84-66-2	Diethylphthalate		U	640
100-01-6	4-Nitroaniline		U	1600
534-52-1	4,6-Dinitro-2-methylphenol		U	1600
86-30-6	n-Nitrosodiphenylamine (1)		U	640
101-55-3	4-Bromophenyl-phenylether		U	640
118-74-1	Hexachlorobenzene		U	640
87-86-5	Pentachlorophenol		U	1600
85-01-8	Phenanthrene	550	J	640
120-12-7	Anthracene	93	J	640
84-74-2	Di-n-butylphthalate		U	640
206-44-0	Fluoranthene	1200		640
129-00-0	Pyrene	1300		640
85-68-7	Butylbenzylphthalate		U	640
91-94-1	3,3'-Dichlorobenzidine		U	640
56-55-3	Benzo(a)anthracene	500	J	640
218-01-9	Chrysene	720		640
117-81-7	bis(2-Ethylhexyl)phthalate	210	J	640
117-84-0	Di-n-octylphthalate		U	640
205-99-2	Benzo(b)fluoranthene	1100		640
207-08-9	Benzo(k)fluoranthene	400	J	640
50-32-8	Benzo(a)pyrene	630	J	640
193-39-5	Indeno(1,2,3-cd)pyrene	270	J	640
62-75-9	n-Nitrosodimethylamine		U	640
53-70-3	Dibenz(a,h)anthracene	100	J	640
191-24-2	Benzo(g,h,i)perylene	260	J	640

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SEVERN
TRENT

NYSDOH 10142

NJDEP 73015

FORM 10V-2

CDORS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
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Fax (845) 562-0841

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-6

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-017
Sample wt/vol: 30.91 (g/ml) G Lab File ID: E72189.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: 49.7 decanted: (Y/N) N Date Extracted: 6/23/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.54

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.26	32000	JN

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NYSDOH 10142

NJDEP 73016

FORM 1 SV-TIC

CTDOHS PH-0554

EPA NY049

PA 68-378

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-6RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-017RE

Sample wt/vol: 30.91 (g/ml) G Lab File ID: E72206.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 49.7 decanted:(Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.54 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	640
108-95-2	Phenol		U	640
95-57-8	2-Chlorophenol		U	640
541-73-1	1,3-Dichlorobenzene		U	640
106-46-7	1,4-Dichlorobenzene		U	640
95-50-1	1,2-Dichlorobenzene		U	640
100-51-6	Benzyl alcohol		U	640
108-60-1	2,2'-oxybis(1-Chloropropane)		U	640
95-48-7	2-Methylphenol		U	640
67-72-1	Hexachloroethane		U	640
621-64-7	N-Nitroso-di-n-propylamine		U	640
106-44-5	4-Methylphenol		U	640
98-95-3	Nitrobenzene		U	640
78-59-1	Isophorone		U	640
88-75-5	2-Nitrophenol		U	640
105-67-9	2,4-Dimethylphenol		U	640
111-91-1	bis(2-Chloroethoxy)methane		U	640
120-83-2	2,4-Dichlorophenol		U	640
120-82-1	1,2,4-Trichlorobenzene		U	640
91-20-3	Naphthalene		U	640
106-47-8	4-Chloroaniline		U	640
87-68-3	Hexachlorobutadiene		U	640
59-50-7	4-Chloro-3-methylphenol		U	640
91-57-6	2-Methylnaphthalene		U	640
77-47-4	Hexachlorocyclopentadiene		U R	640
88-06-2	2,4,6-Trichlorophenol		U	640
95-95-4	2,4,5-Trichlorophenol		U	1600
91-58-7	2-Chloronaphthalene		U	640
88-74-4	2-Nitroaniline		U	1600
208-96-8	Acenaphthylene		U	640
131-11-3	Dimethylphthalate		U	640
606-20-2	2,6-Dinitrotoluene		U	640
83-32-9	Acenaphthene		U	1600
99-09-2	3-Nitroaniline		U	1600
51-28-5	2,4-Dinitrophenol		U	640
132-64-9	Dibenzofuran		U	640
121-14-2	2,4-Dinitrotoluene		U	640

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

CTDORS PH-0554

EPA NY049

PA 68-378

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M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-6RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-017RE
 Sample wt/vol: 30.91 (g/ml) G Lab File ID: E72206.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 49.7 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.54 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1600
86-73-7	Fluorene		U	640
7005-72-3	4-Chlorophenyl-phenylether		U	640
84-86-2	Diethylphthalate		U	640
100-01-6	4-Nitroaniline		U	1600
534-52-1	4,6-Dinitro-2-methylphenol		U	1600
86-30-6	n-Nitrosodiphenylamine (1)		U	640
101-55-3	4-Bromophenyl-phenylether		U	640
118-74-1	Hexachlorobenzene		U	640
87-86-5	Pentachlorophenol		U	1600
85-01-8	Phenanthrene	570	J	640
120-12-7	Anthracene	97	J	640
84-74-2	Di-n-butylphthalate		U	640
206-44-0	Fluoranthene	1000		640
129-00-0	Pyrene	1700	J	640
85-68-7	Butylbenzylphthalate		U	640
91-94-1	3,3'-Dichlorobenzidine		U	640
56-55-3	Benzo(a)anthracene	520	J	640
218-01-9	Chrysene	700	J	640
117-81-7	bis(2-Ethylhexyl)phthalate	250	J	640
117-84-0	Di-n-octylphthalate		U	640
205-99-2	Benzo(b)fluoranthene	1000	J	640
207-08-9	Benzo(k)fluoranthene	330	J	640
50-32-8	Benzo(a)pyrene	630	J	640
193-39-5	Indeno(1,2,3-cd)pyrene	400	J	640
62-75-9	n-Nitrosodimethylamine		U	640
53-70-3	Dibenz(a,h)anthracene	180	J	640
191-24-2	Benzo(g,h,i)perylene	390	J	640

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NYS DOH 10142

NJ DEP 73076

FORM 1 SV-2

STDMS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-6RE

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-017RE
Sample wt/vol: 30.91 (g/ml) G Lab File ID: E72206.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: 49.7 decanted: (Y/N) N Date Extracted: 6/23/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.54

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.24	31000	JN

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-TIC
CTDOHS PH-0554

EPA NY049

PA 68-378

3/90
M-NY049

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

L-2

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) WATER Lab Sample ID: 237194-019

Sample wt/vol: 930.0 (g/ml) ML Lab File ID: S30190.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: _____ decanted:(Y/N) N Date Extracted: 6/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	11
108-95-2	Phenol		U	11
95-57-8	2-Chlorophenol		U	11
541-73-1	1,3-Dichlorobenzene		U	11
106-46-7	1,4-Dichlorobenzene		U	11
95-50-1	1,2-Dichlorobenzene		U	11
100-51-6	Benzyl alcohol		U	11
108-60-1	2,2'-oxybis(1-Chloropropane)		U	11
95-48-7	2-Methylphenol		U	11
67-72-1	Hexachloroethane		U	11
621-64-7	N-Nitroso-di-n-propylamine		U	11
106-44-5	4-Methylphenol		U	11
98-95-3	Nitrobenzene		U	11
78-59-1	Isophorone		U	11
88-75-5	2-Nitrophenol		U	11
105-67-9	2,4-Dimethylphenol		U	11
111-91-1	bis(2-Chloroethoxy)methane		U	11
120-83-2	2,4-Dichlorophenol		U	11
120-82-1	1,2,4-Trichlorobenzene		U	11
91-20-3	Naphthalene		U	11
106-47-8	4-Chloroaniline		U	11
87-68-3	Hexachlorobutadiene		U	11
59-50-7	4-Chloro-3-methylphenol		U	11
91-57-6	2-Methylnaphthalene		U	11
77-47-4	Hexachlorocyclopentadiene		U	11
88-06-2	2,4,6-Trichlorophenol		U	11
95-95-4	2,4,5-Trichlorophenol		U	54
91-58-7	2-Chloronaphthalene		U	11
88-74-4	2-Nitroaniline		U	27
208-96-8	Acenaphthylene		U	11
131-11-3	Dimethylphthalate		U	11
606-20-2	2,6-Dinitrotoluene		U	11
83-32-9	Acenaphthene		U	11
99-09-2	3-Nitroaniline		U	27
51-28-5	2,4-Dinitrophenol		U	27
132-64-9	Dibenzofuran		U	11
121-14-2	2,4-Dinitrotoluene		U	11

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NYSDOH 10142

NJDEP 73015

FORM 10V-1

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

L-2

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) WATER Lab Sample ID: 237194-019

Sample wt/vol: 930.0 (g/ml) ML Lab File ID: S30190.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: _____ decanted:(Y/N) N Date Extracted: 6/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	27
86-73-7	Fluorene		U	11
7005-72-3	4-Chlorophenyl-phenylether		U	11
84-86-2	Diethylphthalate		U	11
100-01-6	4-Nitroaniline		U	27
534-52-1	4,6-Dinitro-2-methylphenol		U	27
86-30-6	n-Nitrosodiphenylamine (1)		U	11
101-55-3	4-Bromophenyl-phenylether		U	11
118-74-1	Hexachlorobenzene		U	11
87-86-5	Pentachlorophenol		U	27
85-01-8	Phenanthrene		U	11
120-12-7	Anthracene		U	11
84-74-2	Di-n-butylphthalate		U	11
206-44-0	Fluoranthene		U	11
129-00-0	Pyrene		U	11
85-68-7	Butylbenzylphthalate		U	11
91-94-1	3,3'-Dichlorobenzidine		U	11
56-55-3	Benzo(a)anthracene		U	11
218-01-9	Chrysene		U	11
117-81-7	bis(2-Ethylhexyl)phthalate	2	J B	11
117-84-0	Di-n-octylphthalate		U J	11
205-99-2	Benzo(b)fluoranthene		U J	11
207-08-9	Benzo(k)fluoranthene		U J	11
50-32-8	Benzo(a)pyrene		U J	11
193-39-5	Indeno(1,2,3-cd)pyrene		U J	11
62-75-9	n-Nitrosodimethylamine		U J	11
53-70-3	Dibenz(a,h)anthracene		U J	11
191-24-2	Benzo(g,h,i)perylene		U J	11

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJOEP 73015

FORM 1 SV-2

CIDORS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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Fax (845) 562-0841

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

L-2

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) WATER Lab Sample ID: 237194-019
 Sample wt/vol: 930.0 (g/ml) ML Lab File ID: S30190.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 6/16/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 8 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	6.13	2	J
2.	C11H18 isomer	18.27	2	J
3.	Unknown	18.63	2	J
4.	Unknown CnH2n+2	20.11	7	J
5.	Unknown CnH2n+2	21.47	12	J
6.	Unknown CnH2n+2	22.72	33	J
7.	Unknown	23.31	3	J
8. 000544-85-4	Dotriacontane	23.88	11	JN

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-TIC
CTDOHS PH-0554

EPA NY049

PA 68-378

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

L-2RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) WATER Lab Sample ID: 237194-019RE
 Sample wt/vol: 930.0 (g/ml) ML Lab File ID: S30194.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 6/16/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO. COMPOUND RESULT Q RL

111-44-4	bis(2-Chloroethyl)ether		U	11
108-95-2	Phenol		U	11
95-57-8	2-Chlorophenol		U	11
541-73-1	1,3-Dichlorobenzene		U	11
106-46-7	1,4-Dichlorobenzene		U	11
95-50-1	1,2-Dichlorobenzene		U	11
100-51-6	Benzyl alcohol		U	11
108-60-1	2,2'-oxybis(1-Chloropropane)		U	11
95-48-7	2-Methylphenol		U	11
67-72-1	Hexachloroethane		U	11
621-64-7	N-Nitroso-di-n-propylamine		U	11
106-44-5	4-Methylphenol		U	11
98-95-3	Nitrobenzene		U	11
78-59-1	Isophorone		U	11
88-75-5	2-Nitrophenol		U	11
105-67-9	2,4-Dimethylphenol		U	11
111-91-1	bis(2-Chloroethoxy)methane		U	11
120-83-2	2,4-Dichlorophenol		U	11
120-82-1	1,2,4-Trichlorobenzene		U	11
91-20-3	Naphthalene		U	11
106-47-8	4-Chloroaniline		U	11
87-68-3	Hexachlorobutadiene		U	11
59-50-7	4-Chloro-3-methylphenol		U	11
91-57-6	2-Methylnaphthalene		U	11
77-47-4	Hexachlorocyclopentadiene		U ^R	11
88-06-2	2,4,6-Trichlorophenol		U	11
95-95-4	2,4,5-Trichlorophenol		U	54
91-58-7	2-Chloronaphthalene		U	11
88-74-4	2-Nitroaniline		U	27
208-96-8	Acenaphthylene		U	11
131-11-3	Dimethylphthalate		U	11
606-20-2	2,6-Dinitrotoluene		U	11
83-32-9	Acenaphthene		U	11
99-09-2	3-Nitroaniline		U	27
51-28-5	2,4-Dinitrophenol		U	27
132-64-9	Dibenzofuran		U	11
121-14-2	2,4-Dinitrotoluene		U	11

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

CTDOHS PH-0554

EPA NY049

PA 68-378

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

L-2RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) WATER Lab Sample ID: 237194-019RE

Sample wt/vol: 930.0 (g/ml) ML Lab File ID: S30194.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: _____ decanted:(Y/N) N Date Extracted: 6/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	27
86-73-7	Fluorene		U	11
7005-72-3	4-Chlorophenyl-phenylether		U	11
84-66-2	Diethylphthalate		U	11
100-01-6	4-Nitroaniline		U	27
534-52-1	4,6-Dinitro-2-methylphenol		U	27
86-30-6	n-Nitrosodiphenylamine (1)		U	11
101-55-3	4-Bromophenyl-phenylether		U	11
118-74-1	Hexachlorobenzene		U	11
87-86-5	Pentachlorophenol		U	27
85-01-8	Phenanthrene		U	11
120-12-7	Anthracene		U	11
84-74-2	Di-n-butylphthalate		U	11
206-44-0	Fluoranthene		U	11
129-00-0	Pyrene		U	11
85-68-7	Butylbenzylphthalate		U	11
91-94-1	3,3'-Dichlorobenzidine		U	11
56-55-3	Benzo(a)anthracene		U	11
218-01-9	Chrysene		U	11
117-81-7	bis(2-Ethylhexyl)phthalate	2	JB	11
117-84-0	Di-n-octylphthalate		U J	11
205-99-2	Benzo(b)fluoranthene		U J	11
207-08-9	Benzo(k)fluoranthene		U J	11
50-32-8	Benzo(a)pyrene		U J	11
193-39-5	Indeno(1,2,3-cd)pyrene		U J	11
62-75-9	n-Nitrosodimethylamine		U J	11
53-70-3	Dibenz(a,h)anthracene		U J	11
191-24-2	Benzo(g,h,i)perylene		U J	11

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDORS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

L-2RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) WATER Lab Sample ID: 237194-019RE
 Sample wt/vol: 930.0 (g/ml) ML Lab File ID: S30194.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 6/16/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/23/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 9(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	17.56	3	JN
2.	C8H12 Isomer	18.26	2	J
3.	Unknown	18.63	2	J
4.	Unknown CnH2n+2	20.10	7	J
5.	Unknown CnH2n+2	21.46	13	J
6. 000593-49-7	Heptacosane	22.73	37	JN
7. 038401-41-1	1-Cyclobutylethanol	23.31	3	JN
8.	Unknown	23.42	3	J
9.	Unknown CnH2n+2	23.88	14	J

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NYSDOH 10142

NJDEP 73015

FORM 10V-TIC
CTDOHS PH-0554

EPA NY049

PA 68-378

2/00
M-NY049

STL Newburgh
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Newburgh, NY 12550
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Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-6

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-020
 Sample wt/vol: 30.27 (g/ml) G Lab File ID: E72190.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 28.7 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.09 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	460
108-95-2	Phenol	1700		460
95-57-8	2-Chlorophenol		U	460
541-73-1	1,3-Dichlorobenzene		U	460
106-46-7	1,4-Dichlorobenzene		U	460
95-50-1	1,2-Dichlorobenzene		U	460
100-51-6	Benzyl alcohol		U	460
108-60-1	2,2'-oxybis(1-Chloropropane)		U	460
95-48-7	2-Methylphenol	670		460
67-72-1	Hexachloroethane		U	460
621-64-7	N-Nitroso-di-n-propylamine		U	460
106-44-5	4-Methylphenol	400	J	460
98-95-3	Nitrobenzene		U	460
78-59-1	Isophorone		U	460
88-75-5	2-Nitrophenol		U	460
105-67-9	2,4-Dimethylphenol	300	J	460
111-91-1	bis(2-Chloroethoxy)methane		U	460
120-83-2	2,4-Dichlorophenol		U	460
120-82-1	1,2,4-Trichlorobenzene		U	460
91-20-3	Naphthalene	2000		460
106-47-8	4-Chloroaniline		U	460
87-68-3	Hexachlorobutadiene		U	460
59-50-7	4-Chloro-3-methylphenol		U	460
91-57-6	2-Methylnaphthalene	2900		460
77-47-4	Hexachlorocyclopentadiene		U R	460
88-06-2	2,4,6-Trichlorophenol		U	460
95-95-4	2,4,5-Trichlorophenol		U	1200
91-58-7	2-Chloronaphthalene		U	460
88-74-4	2-Nitroaniline		U	1200
208-96-8	Acenaphthylene		U	460
131-11-3	Dimethylphthalate		U	460
606-20-2	2,6-Dinitrotoluene		U	460
83-32-9	Acenaphthene	140	J	460
99-09-2	3-Nitroaniline		U	1200
51-28-5	2,4-Dinitrophenol		U	1200
132-64-9	Dibenzofuran	350	J	460
121-14-2	2,4-Dinitrotoluene		U	460

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NYSDOH 10142

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FORM 1 SV-1

CTDOHS PH-0554

EPA NY049

PA 68-378

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-6

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-020

Sample wt/vol: 30.27 (g/ml) G Lab File ID: E72190.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 28.7 decanted:(Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.09 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

100-02-7	4-Nitrophenol		U	1200
86-73-7	Fluorene	190	J	460
7005-72-3	4-Chlorophenyl-phenylether		U	460
84-66-2	Diethylphthalate		U	460
100-01-6	4-Nitroaniline		U	1200
534-52-1	4,6-Dinitro-2-methylphenol		U	1200
86-30-6	n-Nitrosodiphenylamine (1)		U	460
101-55-3	4-Bromophenyl-phenylether		U	460
118-74-1	Hexachlorobenzene		U	460
87-86-5	Pentachlorophenol		U	1200
85-01-8	Phenanthrene	1400		460
120-12-7	Anthracene	390	J	460
84-74-2	Di-n-butylphthalate		U	460
206-44-0	Fluoranthene	940		460
129-00-0	Pyrene	1100		460
85-68-7	Butylbenzylphthalate		U	460
91-94-1	3,3'-Dichlorobenzidine		U	460
56-55-3	Benzo(a)anthracene	450	J	460
218-01-9	Chrysene	470		460
117-81-7	bis(2-Ethylhexyl)phthalate	530		460
117-84-0	Di-n-octylphthalate	69	J J	460
205-99-2	Benzo(b)fluoranthene	540	J J	460
207-08-9	Benzo(k)fluoranthene	190	J J	460
50-32-8	Benzo(a)pyrene	340	J J	460
193-39-5	Indeno(1,2,3-cd)pyrene	100	J J	460
62-75-9	n-Nitrosodimethylamine		U J	460
53-70-3	Dibenz(a,h)anthracene	54	J J	460
191-24-2	Benzo(g,h,i)perylene	110	J J	460

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-6

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-020

Sample wt/vol: 30.27 (g/ml) G Lab File ID: E72190.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 28.7 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.09

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.42	54000	JN
2.	Unknown	9.67	510	J
3.	Benzene isomer	11.46	660	J
4. 000090-12-0	Naphthalene, 1-methyl-	11.94	1500	JN
5.	dimethyl Naphthalene isomer	13.02	400	J
6.	dimethyl Naphthalene isomer	13.16	480	J
7.	dimethyl Naphthalene isomer	13.38	460	J
8. 000544-76-3	Hexadecane	14.82	730	JN
9.	Unknown CnH2n+2	15.26	530	J
10. 000629-78-7	Heptadecane	15.79	2200	JN
11.	Unknown CnH2n+2	15.82	1200	J
12. 000593-45-3	Octadecane	16.70	2100	JN
13.	Unknown CnH2n+2	16.76	1700	J
14. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	17.06	470	JN
15. 86-74-8	Carbazole	17.35	170	JN
16. 000629-92-5	Nonadecane	17.57	1800	JN
17.	methyl Anthracene isomer	18.07	450	J
18. 000112-95-8	Eicosane	18.39	1000	JN
19. 000629-94-7	Heneicosane	19.15	760	JN
20.	Unknown Hexanedioic acid	21.30	15000	J

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NYSDOH 10142

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FORM 1 SV TIC
CTDOHS PH-0554

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-6RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-020RE

Sample wt/vol: 30.27 (g/ml) G Lab File ID: E72207.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 28.7 decanted:(Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.09 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	460
108-95-2	Phenol	2000		460
95-57-8	2-Chlorophenol		U	460
541-73-1	1,3-Dichlorobenzene		U	460
106-46-7	1,4-Dichlorobenzene		U	460
95-50-1	1,2-Dichlorobenzene		U	460
100-51-6	Benzyl alcohol		U	460
108-60-1	2,2'-oxybis(1-Chloropropane)		U	460
95-48-7	2-Methylphenol	690		460
67-72-1	Hexachloroethane		U	460
621-64-7	N-Nitroso-di-n-propylamine		U	460
106-44-5	4-Methylphenol	410	J	460
98-95-3	Nitrobenzene		U	460
78-59-1	Isophorone		U	460
88-75-5	2-Nitrophenol		U	460
105-67-9	2,4-Dimethylphenol	320	J	460
111-91-1	bis(2-Chloroethoxy)methane		U	460
120-83-2	2,4-Dichlorophenol		U	460
120-82-1	1,2,4-Trichlorobenzene		U	460
91-20-3	Naphthalene	2100		460
106-47-8	4-Chloroaniline		U	460
87-68-3	Hexachlorobutadiene		U	460
59-50-7	4-Chloro-3-methylphenol		U	460
91-57-6	2-Methylnaphthalene	3000		460
77-47-4	Hexachlorocyclopentadiene		U R	460
88-06-2	2,4,6-Trichlorophenol		U	460
95-95-4	2,4,5-Trichlorophenol		U	1200
91-58-7	2-Chloronaphthalene		U	460
88-74-4	2-Nitroaniline		U	1200
208-96-8	Acenaphthylene		U	460
131-11-3	Dimethylphthalate		U	460
606-20-2	2,6-Dinitrotoluene		U	460
83-32-9	Acenaphthene	130	J	460
99-09-2	3-Nitroaniline		U	1200
51-28-5	2,4-Dinitrophenol		U	1200
132-64-9	Dibenzofuran	340	J	460
121-14-2	2,4-Dinitrotoluene		U	460

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FORM 1 SV 1

CTDOHS PH-0554

EPA NY049

PA 68-378

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS-6RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-020RE

Sample wt/vol: 30.27 (g/ml) G Lab File ID: E72207.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 28.7 decanted:(Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.09 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1200
86-73-7	Fluorene	190	J	460
7005-72-3	4-Chlorophenyl-phenylether		U	460
84-66-2	Diethylphthalate		U	460
100-01-6	4-Nitroaniline		U	1200
534-52-1	4,6-Dinitro-2-methylphenol		U	1200
86-30-6	n-Nitrosodiphenylamine (1)		U	460
101-55-3	4-Bromophenyl-phenylether		U	460
118-74-1	Hexachlorobenzene		U	460
87-86-5	Pentachlorophenol		U	1200
85-01-8	Phenanthrene	1500		460
120-12-7	Anthracene	380	J	460
84-74-2	Di-n-butylphthalate		U	460
206-44-0	Fluoranthene	860		460
129-00-0	Pyrene	1400		460
85-68-7	Butylbenzylphthalate		U	460
91-94-1	3,3'-Dichlorobenzidine		U	460
56-55-3	Benzo(a)anthracene	450	J	460
218-01-9	Chrysene	460		460
117-81-7	bis(2-Ethylhexyl)phthalate	690		460
117-84-0	Di-n-octylphthalate	79	J J	460
205-99-2	Benzo(b)fluoranthene	500	J J	460
207-08-9	Benzo(k)fluoranthene	190	J J	460
50-32-8	Benzo(a)pyrene	350	J J	460
193-39-5	Indeno(1,2,3-cd)pyrene	150	J J	460
62-75-9	n-Nitrosodimethylamine		U J	460
53-70-3	Dibenz(a,h)anthracene	57	J J	460
191-24-2	Benzo(g,h,i)perylene	150	J J	460

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-6RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-020RE

Sample wt/vol: 30.27 (g/ml) G Lab File ID: E72207.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 28.7 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.09

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.40	54000	JN
2.	Unknown	9.65	600	J
3.	Benzene isomer	11.44	480	J
4. 000090-12-0	Naphthalene, 1-methyl-	11.92	1500	JN
5.	dimethyl Naphthalene isomer	13.00	400	J
6.	dimethyl Naphthalene isomer	13.15	490	J
7. 000571-58-4	Naphthalene, 1,4-dimethyl-	13.36	470	JN
8. 000544-76-3	Hexadecane	14.80	730	JN
9.	Unknown CnH2n+2	15.24	540	J
10. 000629-78-7	Heptadecane	15.77	2900	JN
11. 017081-50-4	Pentadecane, 2,6,10,13-tetramet	15.80	700	JN
12. 000593-45-3	Octadecane	16.68	2200	JN
13. 000638-36-8	Hexadecane, 2,6,10,14-tetrameth	16.75	1800	JN
14.	Unknown CnH2n+2	17.04	470	J
15. 86-74-8	Carbazole	17.35	160	JN
16. 000629-92-5	Nonadecane	17.55	1800	JN
17.	methyl Anthracene isomer	18.05	510	J
18. 000112-95-8	Eicosane	18.37	1100	JN
19. 000629-94-7	Heneicosane	19.14	800	JN
20.	Unknown Hexanedioic acid	21.29	930	J

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FORM 1 SV-TIC

3/90

NYSDOH 10142

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CTDOHS PH-0554

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-7

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-021

Sample wt/vol: 30.98 (g/ml) G Lab File ID: E72191.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 32.8 decanted:(Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.69 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	480
108-95-2	Phenol	72	J	480
95-57-8	2-Chlorophenol		U	480
541-73-1	1,3-Dichlorobenzene		U	480
106-46-7	1,4-Dichlorobenzene		U	480
95-50-1	1,2-Dichlorobenzene		U	480
100-51-6	Benzyl alcohol		U	480
108-60-1	2,2'-oxybis(1-Chloropropane)		U	480
95-48-7	2-Methylphenol	96	J	480
67-72-1	Hexachloroethane		U	480
621-64-7	N-Nitroso-di-n-propylamine		U	480
106-44-5	4-Methylphenol	150	J	480
98-95-3	Nitrobenzene		U	480
78-59-1	Isophorone		U	480
88-75-5	2-Nitrophenol		U	480
105-67-9	2,4-Dimethylphenol		U	480
111-91-1	bis(2-Chloroethoxy)methane		U	480
120-83-2	2,4-Dichlorophenol		U	480
120-82-1	1,2,4-Trichlorobenzene		U	480
91-20-3	Naphthalene	240	J	480
106-47-8	4-Chloroaniline		U	480
87-68-3	Hexachlorobutadiene		U	480
59-50-7	4-Chloro-3-methylphenol		U	480
91-57-6	2-Methylnaphthalene	270	J	480
77-47-4	Hexachlorocyclopentadiene		U R	480
88-06-2	2,4,6-Trichlorophenol		U	480
95-95-4	2,4,5-Trichlorophenol		U	1200
91-58-7	2-Chloronaphthalene		U	480
88-74-4	2-Nitroaniline		U	1200
208-96-8	Acenaphthylene		U	480
131-11-3	Dimethylphthalate		U	480
606-20-2	2,6-Dinitrotoluene		U	480
83-32-9	Acenaphthene		U	480
99-09-2	3-Nitroaniline		U	1200
51-28-5	2,4-Dinitrophenol		U	1200
132-64-9	Dibenzofuran	98	J	480
121-14-2	2,4-Dinitrotoluene		U	480

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-7

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-021

Sample wt/vol: 30.98 (g/ml) G Lab File ID: E72191.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 32.8 decanted:(Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.69 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1200
86-73-7	Fluorene	53	J	480
7005-72-3	4-Chlorophenyl-phenylether		U	480
84-66-2	Diethylphthalate		U	480
100-01-6	4-Nitroaniline		U	1200
534-52-1	4,6-Dinitro-2-methylphenol		U	1200
86-30-6	n-Nitrosodiphenylamine (1)		U	480
101-55-3	4-Bromophenyl-phenylether		U	480
118-74-1	Hexachlorobenzene		U	480
87-86-5	Pentachlorophenol		U	1200
85-01-8	Phenanthrene	610		480
120-12-7	Anthracene	130	J	480
84-74-2	Di-n-butylphthalate		U	480
206-44-0	Fluoranthene	660		480
129-00-0	Pyrene	830		480
85-68-7	Butylbenzylphthalate		U	480
91-94-1	3,3'-Dichlorobenzidine		U	480
56-55-3	Benzo(a)anthracene	340	J	480
218-01-9	Chrysene	390	J	480
117-81-7	bis(2-Ethylhexyl)phthalate	550		480
117-84-0	Di-n-octylphthalate		U	480
205-99-2	Benzo(b)fluoranthene	510	J	480
207-08-9	Benzo(k)fluoranthene	210	J	480
50-32-8	Benzo(a)pyrene	320	J	480
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	480
62-75-9	n-Nitrosodimethylamine		U	480
53-70-3	Dibenz(a,h)anthracene	70	J	480
191-24-2	Benzo(g,h,i)perylene	150	J	480

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-7

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-021
Sample wt/vol: 30.98 (g/ml) G Lab File ID: E72191.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: 32.8 decanted: (Y/N) N Date Extracted: 6/23/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.69

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.36	48000	JN

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NYSDOH 10142

NJDEP 73015

FORM 1 SV TIC
CTDOHS PH-0554

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-7RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-021RE
 Sample wt/vol: 30.98 (g/ml) G Lab File ID: E72208.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 32.8 decanted: (Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.69 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	480
108-95-2	Phenol	72	J	480
95-57-8	2-Chlorophenol		U	480
541-73-1	1,3-Dichlorobenzene		U	480
106-46-7	1,4-Dichlorobenzene		U	480
95-50-1	1,2-Dichlorobenzene		U	480
100-51-6	Benzyl alcohol		U	480
108-60-1	2,2'-oxybis(1-Chloropropane)		U	480
95-48-7	2-Methylphenol	96	J	480
67-72-1	Hexachloroethane		U	480
621-64-7	N-Nitroso-di-n-propylamine		U	480
106-44-5	4-Methylphenol	140	J	480
98-95-3	Nitrobenzene		U	480
78-59-1	Isophorone		U	480
88-75-5	2-Nitrophenol		U	480
105-67-9	2,4-Dimethylphenol		U	480
111-91-1	bis(2-Chloroethoxy)methane		U	480
120-83-2	2,4-Dichlorophenol		U	480
120-82-1	1,2,4-Trichlorobenzene		U	480
91-20-3	Naphthalene	250	J	480
106-47-8	4-Chloroaniline		U	480
87-68-3	Hexachlorobutadiene		U	480
59-50-7	4-Chloro-3-methylphenol		U	480
91-57-6	2-Methylnaphthalene	270	J	480
77-47-4	Hexachlorocyclopentadiene		U R	480
88-06-2	2,4,6-Trichlorophenol		U	480
95-95-4	2,4,5-Trichlorophenol		U	1200
91-58-7	2-Chloronaphthalene		U	480
88-74-4	2-Nitroaniline		U	1200
208-96-8	Acenaphthylene		U	480
131-11-3	Dimethylphthalate		U	480
606-20-2	2,6-Dinitrotoluene		U	480
83-32-9	Acenaphthene		U	480
99-09-2	3-Nitroaniline		U	1200
51-28-5	2,4-Dinitrophenol		U	1200
132-64-9	Dibenzofuran	94	J	480
121-14-2	2,4-Dinitrotoluene		U	480

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NYSDOH 10142

NJDEP 73016

FORM 1 SV 1

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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 Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-7RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-021RE

Sample wt/vol: 30.98 (g/ml) G Lab File ID: E72208.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 32.8 decanted:(Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.69 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1200
86-73-7	Fluorene	51	J	480
7005-72-3	4-Chlorophenyl-phenylether		U	480
84-66-2	Diethylphthalate		U	480
100-01-6	4-Nitroaniline		U	1200
534-52-1	4,6-Dinitro-2-methylphenol		U	1200
86-30-6	n-Nitrosodiphenylamine (1)		U	480
101-55-3	4-Bromophenyl-phenylether		U	480
118-74-1	Hexachlorobenzene		U	480
87-86-5	Pentachlorophenol		U	1200
85-01-8	Phenanthrene	610		480
120-12-7	Anthracene	120	J	480
84-74-2	Di-n-butylphthalate		U	480
206-44-0	Fluoranthene	580		480
129-00-0	Pyrene	1100		480
85-68-7	Butylbenzylphthalate		U	480
91-94-1	3,3'-Dichlorobenzidine		U	480
56-55-3	Benzo(a)anthracene	330	J	480
218-01-9	Chrysene	400	J	480
117-81-7	bis(2-Ethylhexyl)phthalate	700	J	480
117-84-0	Di-n-octylphthalate		U	480
205-99-2	Benzo(b)fluoranthene	530	J	480
207-08-9	Benzo(k)fluoranthene	160	J	480
50-32-8	Benzo(a)pyrene	310	J	480
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	480
62-75-9	n-Nitrosodimethylamine		U	480
53-70-3	Dibenz(a,h)anthracene	77	J	480
191-24-2	Benzo(g,h,i)perylene	150	J	480

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NYSDOH 10142

NJDEP 73015

FORM 10V-2

CTDORS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-7RE

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: 237194-021RE
Sample wt/vol: 30.98 (g/ml) G Lab File ID: E72208.D
Level: (low/med) LOW Date Received: 6/11/2004
% Moisture: 32.8 decanted: (Y/N) N Date Extracted: 6/23/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.69

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.37	48000	JN
2. 000629-78-7	Heptadecane	15.74	440	JN

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-TIC

CTDOHS PH-0554

EPA NY049

PA 68-378

3/90
M-NY049STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
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Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-8

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-022

Sample wt/vol: 30.89 (g/ml) G Lab File ID: E72192.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 31.6 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	470
108-95-2	Phenol	260	J	470
95-57-8	2-Chlorophenol		U	470
541-73-1	1,3-Dichlorobenzene		U	470
106-46-7	1,4-Dichlorobenzene		U	470
95-50-1	1,2-Dichlorobenzene		U	470
100-51-6	Benzyl alcohol		U	470
108-60-1	2,2'-oxybis(1-Chloropropane)		U	470
95-48-7	2-Methylphenol	51	J	470
67-72-1	Hexachloroethane		U	470
621-64-7	N-Nitroso-di-n-propylamine		U	470
106-44-5	4-Methylphenol		U	470
98-95-3	Nitrobenzene		U	470
78-59-1	Isophorone		U	470
88-75-5	2-Nitrophenol		U	470
105-67-9	2,4-Dimethylphenol		U	470
111-91-1	bis(2-Chloroethoxy)methane		U	470
120-83-2	2,4-Dichlorophenol		U	470
120-82-1	1,2,4-Trichlorobenzene		U	470
91-20-3	Naphthalene	290	J	470
106-47-8	4-Chloroaniline		U	470
87-68-3	Hexachlorobutadiene		U	470
59-50-7	4-Chloro-3-methylphenol		U	470
91-57-6	2-Methylnaphthalene	250	J	470
77-47-4	Hexachlorocyclopentadiene		U R	470
88-06-2	2,4,6-Trichlorophenol		U	470
95-95-4	2,4,5-Trichlorophenol		U	1200
91-58-7	2-Chloronaphthalene		U	470
88-74-4	2-Nitroaniline		U	1200
208-96-8	Acenaphthylene		U	470
131-11-3	Dimethylphthalate		U	470
606-20-2	2,6-Dinitrotoluene		U	470
83-32-9	Acenaphthene		U	470
99-09-2	3-Nitroaniline		U	1200
51-28-5	2,4-Dinitrophenol		U	1200
132-64-9	Dibenzofuran	55	J	470
121-14-2	2,4-Dinitrotoluene		U	470

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NYSDOH 10142

NJDEP 73015

FORM 1 SV 1

CIDORS PH-0554

EPA NY049

PA 68-378

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M-NY049

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Newburgh, NY 12550
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Fax (845) 562-0841

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS-8

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-022

Sample wt/vol: 30.89 (g/ml) G Lab File ID: E72192.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 31.6 decanted:(Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1200
86-73-7	Fluorene		U	470
7005-72-3	4-Chlorophenyl-phenylether		U	470
84-66-2	Diethylphthalate		U	470
100-01-6	4-Nitroaniline		U	1200
534-52-1	4,6-Dinitro-2-methylphenol		U	1200
86-30-6	n-Nitrosodiphenylamine (1)		U	470
101-55-3	4-Bromophenyl-phenylether		U	470
118-74-1	Hexachlorobenzene		U	470
87-86-5	Pentachlorophenol		U	1200
85-01-8	Phenanthrene	200	J	470
120-12-7	Anthracene		U	470
84-74-2	Di-n-butylphthalate	57	J	470
206-44-0	Fluoranthene	110	J	470
129-00-0	Pyrene	130	J	470
85-68-7	Butylbenzylphthalate		U	470
91-94-1	3,3'-Dichlorobenzidine		U	470
56-55-3	Benzo(a)anthracene	52	J	470
218-01-9	Chrysene	75	J	470
117-81-7	bis(2-Ethylhexyl)phthalate	120	J	470
117-84-0	Di-n-octylphthalate		U	470
205-99-2	Benzo(b)fluoranthene	94	J	470
207-08-9	Benzo(k)fluoranthene		U	470
50-32-8	Benzo(a)pyrene	49	J	470
193-39-5	Indeno(1,2,3-cd)pyrene		U	470
62-75-9	n-Nitrosodimethylamine		U	470
53-70-3	Dibenz(a,h)anthracene		U	470
191-24-2	Benzo(g,h,i)perylene		U	470

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-8

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-022

Sample wt/vol: 30.89 (g/ml) G Lab File ID: E72192.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 31.6 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.35	44000	JN
2. 000629-78-7	Heptadecane	15.75	540	JN
3.	Unknown	23.67	770	J
4.	Unknown C _n H _{2n+2}	24.38	950	J

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STL

FORM LSV-TIC

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-8RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-022RE
 Sample wt/vol: 30.89 (g/ml) G Lab File ID: E72209.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 31.6 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	470
108-95-2	Phenol	280	J	470
95-57-8	2-Chlorophenol		U	470
541-73-1	1,3-Dichlorobenzene		U	470
106-46-7	1,4-Dichlorobenzene		U	470
95-50-1	1,2-Dichlorobenzene		U	470
100-51-6	Benzyl alcohol		U	470
108-60-1	2,2'-oxybis(1-Chloropropane)		U	470
95-48-7	2-Methylphenol	54	J	470
67-72-1	Hexachloroethane		U	470
621-64-7	N-Nitroso-di-n-propylamine		U	470
106-44-5	4-Methylphenol		U	470
98-95-3	Nitrobenzene		U	470
78-59-1	Isophorone		U	470
88-75-5	2-Nitrophenol		U	470
105-67-9	2,4-Dimethylphenol		U	470
111-91-1	bis(2-Chloroethoxy)methane		U	470
120-83-2	2,4-Dichlorophenol		U	470
120-82-1	1,2,4-Trichlorobenzene		U	470
91-20-3	Naphthalene	290	J	470
106-47-8	4-Chloroaniline		U	470
87-68-3	Hexachlorobutadiene		U	470
59-50-7	4-Chloro-3-methylphenol		U	470
91-57-6	2-Methylnaphthalene	250	J	470
77-47-4	Hexachlorocyclopentadiene		U ^R	470
88-06-2	2,4,6-Trichlorophenol		U	470
95-95-4	2,4,5-Trichlorophenol		U	1200
91-58-7	2-Chloronaphthalene		U	470
88-74-4	2-Nitroaniline		U	1200
208-96-8	Acenaphthylene		U	470
131-11-3	Dimethylphthalate		U	470
606-20-2	2,6-Dinitrotoluene		U	470
83-32-9	Acenaphthene		U	470
99-09-2	3-Nitroaniline		U	1200
51-28-5	2,4-Dinitrophenol		U	1200
132-64-9	Dibenzofuran	57	J	470
121-14-2	2,4-Dinitrotoluene		U	470

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**SEVERN
TRENT** STL

NYSDOH 10142

NJDEP 73015

FORM 1 CV 1

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-8RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-022RE

Sample wt/vol: 30.89 (g/ml) G Lab File ID: E72209.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 31.6 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	1200
86-73-7	Fluorene		U	470
7005-72-3	4-Chlorophenyl-phenylether		U	470
84-66-2	Diethylphthalate		U	470
100-01-6	4-Nitroaniline		U	1200
534-52-1	4,6-Dinitro-2-methylphenol		U	1200
86-30-6	n-Nitrosodiphenylamine (1)		U	470
101-55-3	4-Bromophenyl-phenylether		U	470
118-74-1	Hexachlorobenzene		U	470
87-86-5	Pentachlorophenol		U	1200
85-01-8	Phenanthrene	200	J	470
120-12-7	Anthracene		U	470
84-74-2	Di-n-butylphthalate	56	J	470
206-44-0	Fluoranthene	92	J	470
129-00-0	Pyrene	180	J J	470
85-68-7	Butylbenzylphthalate		U J	470
91-94-1	3,3'-Dichlorobenzidine		U J	470
56-55-3	Benzo(a)anthracene		U J	470
218-01-9	Chrysene	73	J J	470
117-81-7	bis(2-Ethylhexyl)phthalate	160	J J	470
117-84-0	Di-n-octylphthalate		U J	470
205-99-2	Benzo(b)fluoranthene	93	J J	470
207-08-9	Benzo(k)fluoranthene		U J	470
50-32-8	Benzo(a)pyrene	50	J J	470
193-39-5	Indeno(1,2,3-cd)pyrene		U J	470
62-75-9	n-Nitrosodimethylamine		U J	470
53-70-3	Dibenz(a,h)anthracene		U J	470
191-24-2	Benzo(g,h,i)perylene		U J	470

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NYS DOH 10142

NJ DEP 73075

FORM 13V.2

CIDOMS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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Fax (845) 562-0841

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-8RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-022RE

Sample wt/vol: 30.89 (g/ml) G Lab File ID: E72209.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 31.6 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.34	43000	JN
2. 000629-78-7	Heptadecane	15.74	560	JN

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NYSDOH 10142

NJDEP 73015

FORM I SV-TIC
CTDOHS PH-0554

EPA NY049

PA 68-378

3/90
M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-9

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-023
 Sample wt/vol: 30.19 (g/ml) G Lab File ID: E72199.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 14.1 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	390
108-95-2	Phenol		U	390
95-57-8	2-Chlorophenol		U	390
541-73-1	1,3-Dichlorobenzene		U	390
106-46-7	1,4-Dichlorobenzene		U	390
95-50-1	1,2-Dichlorobenzene		U	390
100-51-6	Benzyl alcohol		U	390
108-60-1	2,2'-oxybis(1-Chloropropane)		U	390
95-48-7	2-Methylphenol		U	390
67-72-1	Hexachloroethane		U	390
621-64-7	N-Nitroso-di-n-propylamine		U	390
106-44-5	4-Methylphenol		U	390
98-95-3	Nitrobenzene		U	390
78-59-1	Isophorone		U	390
88-75-5	2-Nitrophenol		U	390
105-67-9	2,4-Dimethylphenol		U	390
111-91-1	bis(2-Chloroethoxy)methane		U	390
120-83-2	2,4-Dichlorophenol		U	390
120-82-1	1,2,4-Trichlorobenzene		U	390
91-20-3	Naphthalene	57	J	390
106-47-8	4-Chloroaniline		U	390
87-68-3	Hexachlorobutadiene		U	390
59-50-7	4-Chloro-3-methylphenol		U	390
91-57-6	2-Methylnaphthalene	58	J	390
77-47-4	Hexachlorocyclopentadiene		U R	390
88-06-2	2,4,6-Trichlorophenol		U	390
95-95-4	2,4,5-Trichlorophenol		U	960
91-58-7	2-Chloronaphthalene		U	390
88-74-4	2-Nitroaniline		U	960
208-96-8	Acenaphthylene		U	390
131-11-3	Dimethylphthalate		U	390
606-20-2	2,6-Dinitrotoluene		U	390
83-32-9	Acenaphthene		U	390
99-09-2	3-Nitroaniline		U	960
51-28-5	2,4-Dinitrophenol		U	960
132-64-9	Dibenzofuran		U	390
121-14-2	2,4-Dinitrotoluene		U	390

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NYSDOH 10142

NJDEP 73015

FORM 1 SV 1

CTDOHS PH-0564

EPA NY049

PA 68-378

3/00

M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-9

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-023
 Sample wt/vol: 30.19 (g/ml) G Lab File ID: E72199.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 14.1 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	960
86-73-7	Fluorene		U	390
7005-72-3	4-Chlorophenyl-phenylether		U	390
84-66-2	Diethylphthalate		U	390
100-01-6	4-Nitroaniline		U	960
534-52-1	4,6-Dinitro-2-methylphenol		U	960
86-30-6	n-Nitrosodiphenylamine (1)		U	390
101-55-3	4-Bromophenyl-phenylether		U	390
118-74-1	Hexachlorobenzene		U	390
87-86-5	Pentachlorophenol		U	960
85-01-8	Phenanthrene	400		390
120-12-7	Anthracene		U	390
84-74-2	Di-n-butylphthalate	53	J	390
206-44-0	Fluoranthene	890		390
129-00-0	Pyrene	1200		390
85-68-7	Butylbenzylphthalate		U	390
91-94-1	3,3'-Dichlorobenzidine		U	390
56-55-3	Benzo(a)anthracene	460		390
218-01-9	Chrysene	620		390
117-81-7	bis(2-Ethylhexyl)phthalate	120	J	390
117-84-0	Di-n-octylphthalate		U	390
205-99-2	Benzo(b)fluoranthene	930		390
207-08-9	Benzo(k)fluoranthene	260	J	390
50-32-8	Benzo(a)pyrene	580		390
193-39-5	Indeno(1,2,3-cd)pyrene	340	J	390
62-75-9	n-Nitrosodimethylamine		U	390
53-70-3	Dibenz(a,h)anthracene	100	J	390
191-24-2	Benzo(g,h,i)perylene	360	J	390

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDORS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-9

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-023

Sample wt/vol: 30.19 (g/ml) G Lab File ID: E72199.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 14.1 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.28	27000	JN
2. 000112-88-9	1-Octadecene	19.04	930	JN
3. 002440-22-4	Drometrizole	19.14	430	JN

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NYSDOH 10142

NJDEP 73015

FORM I SV-TIC
CTDOHS PH-0554

EPA NY049

PA 68-378

3/90
M-NY049

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Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-9RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-023RE

Sample wt/vol: 30.19 (g/ml) G Lab File ID: E72230.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 14.1 decanted:(Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

111-44-4	bis(2-Chloroethyl)ether		U	390
108-95-2	Phenol		U	390
95-57-8	2-Chlorophenol		U	390
541-73-1	1,3-Dichlorobenzene		U	390
106-46-7	1,4-Dichlorobenzene		U	390
95-50-1	1,2-Dichlorobenzene		U	390
100-51-6	Benzyl alcohol		U	390
108-60-1	2,2'-oxybis(1-Chloropropane)		U	390
95-48-7	2-Methylphenol		U	390
67-72-1	Hexachloroethane		U	390
621-64-7	N-Nitroso-di-n-propylamine		U	390
106-44-5	4-Methylphenol		U	390
98-95-3	Nitrobenzene		U	390
78-59-1	Isophorone		U	390
88-75-5	2-Nitrophenol		U	390
105-67-9	2,4-Dimethylphenol		U	390
111-91-1	bis(2-Chloroethoxy)methane		U	390
120-83-2	2,4-Dichlorophenol		U	390
120-82-1	1,2,4-Trichlorobenzene		U	390
91-20-3	Naphthalene	64	J	390
106-47-8	4-Chloroaniline		U	390
87-68-3	Hexachlorobutadiene		U	390
59-50-7	4-Chloro-3-methylphenol		U	390
91-57-6	2-Methylnaphthalene	67	J	390
77-47-4	Hexachlorocyclopentadiene		U	390
88-06-2	2,4,6-Trichlorophenol		U	390
95-95-4	2,4,5-Trichlorophenol		U	960
91-58-7	2-Chloronaphthalene		U	390
88-74-4	2-Nitroaniline		U	960
208-96-8	Acenaphthylene		U	390
131-11-3	Dimethylphthalate		U	390
606-20-2	2,6-Dinitrotoluene		U	390
83-32-9	Acenaphthene		U	390
99-09-2	3-Nitroaniline		U	960
51-28-5	2,4-Dinitrophenol		U	960
132-64-9	Dibenzofuran		U	390
121-14-2	2,4-Dinitrotoluene		U	390

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-9RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-023RE
 Sample wt/vol: 30.19 (g/ml) G Lab File ID: E72230.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 14.1 decanted:(Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	960
86-73-7	Fluorene		U	390
7005-72-3	4-Chlorophenyl-phenylether		U	390
84-66-2	Diethylphthalate		U	390
100-01-6	4-Nitroaniline		U	960
534-52-1	4,6-Dinitro-2-methylphenol		U	960
86-30-6	n-Nitrosodiphenylamine (1)		U	390
101-55-3	4-Bromophenyl-phenylether		U	390
118-74-1	Hexachlorobenzene		U	390
87-86-5	Pentachlorophenol		U	960
85-01-8	Phenanthrene	460		390
120-12-7	Anthracene	82	J	390
84-74-2	Di-n-butylphthalate	60	J	390
206-44-0	Fluoranthene	830		390
129-00-0	Pyrene	1800		390
85-68-7	Butylbenzylphthalate		U	390
91-94-1	3,3'-Dichlorobenzidine		U	390
56-55-3	Benzo(a)anthracene	540		390
218-01-9	Chrysene	680		390
117-81-7	bis(2-Ethylhexyl)phthalate	160	J	390
117-84-0	Di-n-octylphthalate		U	390
205-99-2	Benzo(b)fluoranthene	1100		390
207-08-9	Benzo(k)fluoranthene	430		390
50-32-8	Benzo(a)pyrene	680		390
193-39-5	Indeno(1,2,3-cd)pyrene	310	J	390
62-75-9	n-Nitrosodimethylamine		U	390
53-70-3	Dibenz(a,h)anthracene	120	J	390
191-24-2	Benzo(g,h,i)perylene	330	J	390

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**SEVERN
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NYSOEH 10142

NJDEP 73015

FORM 101/2

CTDORS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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Newburgh, NY 12550
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Fax (845) 562-0841

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-9RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-023RE

Sample wt/vol: 30.19 (g/ml) G Lab File ID: E72230.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 14.1 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.25	29000	JN
2.	Unknown C _n H _{2n} +2O	19.01	930	J
3. 002440-22-4	Drometrizole	19.11	390	JN

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-10

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-024

Sample wt/vol: 30.5 (g/ml) G Lab File ID: E72193.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 14.3 decanted:(Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 5.62 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

111-44-4	bis(2-Chloroethyl)ether		U	380
108-95-2	Phenol	180	J	380
95-57-8	2-Chlorophenol		U	380
541-73-1	1,3-Dichlorobenzene		U	380
106-46-7	1,4-Dichlorobenzene		U	380
95-50-1	1,2-Dichlorobenzene		U	380
100-51-6	Benzyl alcohol		U	380
108-60-1	2,2'-oxybis(1-Chloropropane)		U	380
95-48-7	2-Methylphenol	110	J	380
67-72-1	Hexachloroethane		U	380
621-64-7	N-Nitroso-di-n-propylamine		U	380
106-44-5	4-Methylphenol	85	J	380
98-95-3	Nitrobenzene		U	380
78-59-1	Isophorone		U	380
88-75-5	2-Nitrophenol		U	380
105-67-9	2,4-Dimethylphenol	43	J	380
111-91-1	bis(2-Chloroethoxy)methane		U	380
120-83-2	2,4-Dichlorophenol		U	380
120-82-1	1,2,4-Trichlorobenzene		U	380
91-20-3	Naphthalene	290	J	380
106-47-8	4-Chloroaniline		U	380
87-68-3	Hexachlorobutadiene		U	380
59-50-7	4-Chloro-3-methylphenol		U	380
91-57-6	2-Methylnaphthalene	350	J	380
77-47-4	Hexachlorocyclopentadiene		U R	380
88-06-2	2,4,6-Trichlorophenol		U	380
95-95-4	2,4,5-Trichlorophenol		U	960
91-58-7	2-Chloronaphthalene		U	380
88-74-4	2-Nitroaniline		U	960
208-96-8	Acenaphthylene		U	380
131-11-3	Dimethylphthalate	410		380
606-20-2	2,6-Dinitrotoluene		U	380
83-32-9	Acenaphthene		U	380
99-09-2	3-Nitroaniline		U	960
51-28-5	2,4-Dinitrophenol		U	960
132-64-9	Dibenzofuran	110	J	380
121-14-2	2,4-Dinitrotoluene		U	380

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SEVERN
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NYSDOH 10142

NJDEP 73015

FORM 10V-1

CTDOHS PH-0554

EPA NY049

PA 69-378

3/00
M-NY049

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS-10

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-024

Sample wt/vol: 30.5 (g/ml) G Lab File ID: E72193.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 14.3 decanted:(Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 5.62 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	960
86-73-7	Fluorene		U	380
7005-72-3	4-Chlorophenyl-phenylether		U	380
84-66-2	Diethylphthalate		U	380
100-01-6	4-Nitroaniline		U	960
534-52-1	4,6-Dinitro-2-methylphenol		U	960
86-30-6	n-Nitrosodiphenylamine (1)		U	380
101-55-3	4-Bromophenyl-phenylether		U	380
118-74-1	Hexachlorobenzene		U	380
87-86-5	Pentachlorophenol		U	960
85-01-8	Phenanthrene	480		380
120-12-7	Anthracene	88	J	380
84-74-2	Di-n-butylphthalate	110	J	380
206-44-0	Fluoranthene	260	J	380
129-00-0	Pyrene	510		380
85-68-7	Butylbenzylphthalate		U	380
91-94-1	3,3'-Dichlorobenzidine		U	380
56-55-3	Benzo(a)anthracene	170	J	380
218-01-9	Chrysene	230	J	380
117-81-7	bis(2-Ethylhexyl)phthalate	190	J	380
117-84-0	Di-n-octylphthalate		U	380
205-99-2	Benzo(b)fluoranthene	350	J	380
207-08-9	Benzo(k)fluoranthene	120	J	380
50-32-8	Benzo(a)pyrene	190	J	380
193-39-5	Indeno(1,2,3-cd)pyrene	78	J	380
62-75-9	n-Nitrosodimethylamine		U	380
53-70-3	Dibenz(a,h)anthracene		U	380
191-24-2	Benzo(g,h,i)perylene	100	J	380

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-10

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-024

Sample wt/vol: 30.5 (g/ml) G Lab File ID: E72193.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 14.3 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 5.62

CONCENTRATION UNITS:

Number TICs found: 8 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.30	30000	JN
2. 000100-41-4	Ethylbenzene	5.35	760	JN
3. 000544-76-3	Hexadecane	14.80	280	JN
4. 000629-78-7	Heptadecane	15.76	650	JN
5. 000593-45-3	Octadecane	16.68	480	JN
6.	Unknown C _n H _{2n+2}	16.75	470	J
7.	Unknown Benzenedicarboxylic aci	17.28	1700	J
8. 000629-92-5	Nonadecane	17.56	470	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-10RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-024RE

Sample wt/vol: 30.5 (g/ml) G Lab File ID: E72210.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 14.3 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 5.62 Units: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND RESULT Q RL

111-44-4	bis(2-Chloroethyl)ether		U	380
108-95-2	Phenol	200	J	380
95-57-8	2-Chlorophenol		U	380
541-73-1	1,3-Dichlorobenzene		U	380
106-46-7	1,4-Dichlorobenzene		U	380
95-50-1	1,2-Dichlorobenzene		U	380
100-51-6	Benzyl alcohol		U	380
108-60-1	2,2'-oxybis(1-Chloropropane)		U	380
95-48-7	2-Methylphenol	110	J	380
67-72-1	Hexachloroethane		U	380
621-64-7	N-Nitroso-di-n-propylamine		U	380
106-44-5	4-Methylphenol	87	J	380
98-95-3	Nitrobenzene		U	380
78-59-1	Isophorone		U	380
88-75-5	2-Nitrophenol		U	380
105-67-9	2,4-Dimethylphenol	38	J	380
111-91-1	bis(2-Chloroethoxy)methane		U	380
120-83-2	2,4-Dichlorophenol		U	380
120-82-1	1,2,4-Trichlorobenzene		U	380
91-20-3	Naphthalene	290	J	380
106-47-8	4-Chloroaniline		U	380
87-68-3	Hexachlorobutadiene		U	380
59-50-7	4-Chloro-3-methylphenol		U	380
91-57-6	2-Methylnaphthalene	380	J	380
77-47-4	Hexachlorocyclopentadiene		U R	380
88-06-2	2,4,6-Trichlorophenol		U	380
95-95-4	2,4,5-Trichlorophenol		U	960
91-58-7	2-Chloronaphthalene		U	380
88-74-4	2-Nitroaniline		U	960
208-96-8	Acenaphthylene		U	380
131-11-3	Dimethylphthalate	420		380
606-20-2	2,6-Dinitrotoluene		U	380
83-32-9	Acenaphthene		U	380
99-09-2	3-Nitroaniline		U	960
51-28-5	2,4-Dinitrophenol		U	960
132-64-9	Dibenzofuran	100	J	380
121-14-2	2,4-Dinitrotoluene		U	380

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NYSDOH 10142

NJDEP 73015

FORM 1 SV 1

CIDORS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-10RE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: 237194-024RE

Sample wt/vol: 30.5 (g/ml) G Lab File ID: E72210.D

Level: (low/med) LOW Date Received: 6/11/2004

% Moisture: 14.3 decanted:(Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 5.62 Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	960
86-73-7	Fluorene		U	380
7005-72-3	4-Chlorophenyl-phenylether		U	380
84-66-2	Diethylphthalate		U	380
100-01-6	4-Nitroaniline		U	960
534-52-1	4,6-Dinitro-2-methylphenol		U	960
86-30-6	n-Nitrosodiphenylamine (1)		U	380
101-55-3	4-Bromophenyl-phenylether		U	380
118-74-1	Hexachlorobenzene		U	380
87-86-5	Pentachlorophenol		U	960
85-01-8	Phenanthrene	470		380
120-12-7	Anthracene	87	J	380
84-74-2	Di-n-butylphthalate	110	J	380
206-44-0	Fluoranthene	220	J	380
129-00-0	Pyrene	560	J	380
85-68-7	Butylbenzylphthalate		U J	380
91-94-1	3,3'-Dichlorobenzidine		U J	380
56-55-3	Benzo(a)anthracene	180	J J	380
218-01-9	Chrysene	220	J J	380
117-81-7	bis(2-Ethylhexyl)phthalate	220	J J	380
117-84-0	Di-n-octylphthalate		U J	380
205-99-2	Benzo(b)fluoranthene	330	J J	380
207-08-9	Benzo(k)fluoranthene	100	J J	380
50-32-8	Benzo(a)pyrene	180	J J	380
193-39-5	Indeno(1,2,3-cd)pyrene	110	J J	380
62-75-9	n-Nitrosodimethylamine		U J	380
53-70-3	Dibenz(a,h)anthracene		U J	380
191-24-2	Benzo(g,h,i)perylene	130	J J	380

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-10RE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) SOIL Lab Sample ID: 237194-024RE
 Sample wt/vol: 30.5 (g/ml) G Lab File ID: E72210.D
 Level: (low/med) LOW Date Received: 6/11/2004
 % Moisture: 14.3 decanted: (Y/N) N Date Extracted: 6/23/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 5.62

CONCENTRATION UNITS:

Number TICs found: 8 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.28	33000	JN
2. 000100-41-4	Ethylbenzene	5.35	500	JN
3. 000544-76-3	Hexadecane	14.79	280	JN
4. 000629-78-7	Heptadecane	15.76	630	JN
5. 000593-45-3	Octadecane	16.68	490	JN
6. 000638-36-8	Hexadecane, 2,6,10,14-tetrameth	16.73	500	JN
7.	Unknown Benzenedicarboxylic ac	17.27	1700	J
8. 000629-92-5	Nonadecane	17.56	450	JN

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FORM 1 SV-TIC
CTDOHS PH-0654

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M-NY049

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/30/2004

CUSTOMER: InteGrayted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-1
Date Sampled.....: 06/09/2004
Time Sampled.....: 10:15
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-1
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.067	U		0.067	ug/L	06/25/04	ljc
	beta-BHC	0.067	U		0.067	ug/L	06/25/04	ljc
	delta-BHC	0.067	U		0.067	ug/L	06/25/04	ljc
	gamma-BHC (Lindane)	0.020	J	P J	0.067	ug/L	06/25/04	ljc
	Heptachlor	0.067	U		0.067	ug/L	06/25/04	ljc
	Aldrin	0.067	U		0.067	ug/L	06/25/04	ljc
	Heptachlor epoxide	0.067	U		0.067	ug/L	06/25/04	ljc
	Endosulfan I	0.13	U		0.13	ug/L	06/25/04	ljc
	Dieldrin	0.13	U		0.13	ug/L	06/25/04	ljc
	4,4'-DDE	0.13	U		0.13	ug/L	06/25/04	ljc
	Endrin	0.13	U		0.13	ug/L	06/25/04	ljc
	Endosulfan II	0.13	U		0.13	ug/L	06/25/04	ljc
	4,4'-DDD	0.13	U		0.13	ug/L	06/25/04	ljc
	Endosulfan sulfate	0.13	U		0.13	ug/L	06/25/04	ljc
	4,4'-DDT	0.13	U		0.13	ug/L	06/25/04	ljc
	Methoxychlor	0.067	U		0.067	ug/L	06/25/04	ljc
	Toxaphene	1.3	U		1.3	ug/L	06/25/04	ljc
	Endrin aldehyde	0.13	U		0.13	ug/L	06/25/04	ljc
	Technical Chlordane	0.67	U		0.67	ug/L	06/25/04	ljc

* In Description = Dry Wgt.

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NYSDOH 10142

NJDEP 73015

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M-NY049

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Fax (845) 562-0841

Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-1
Date Sampled.....: 06/09/2004
Time Sampled.....: 10:15
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-1
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.67	U		0.67	ug/L	06/25/04	ljc
	Aroclor 1221	0.67	U		0.67	ug/L	06/25/04	ljc
	Aroclor 1232	0.67	U		0.67	ug/L	06/25/04	ljc
	Aroclor 1242	0.67	U		0.67	ug/L	06/25/04	ljc
	Aroclor 1248	0.67	U		0.67	ug/L	06/25/04	ljc
	Aroclor 1254	1.3	U		1.3	ug/L	06/25/04	ljc
	Aroclor 1260	1.3	U		1.3	ug/L	06/25/04	ljc

* In Description = Dry Wgt.

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Tel (845) 561
Fax (845) 561

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/30/2004

CUSTOMER: Integreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-2
Date Sampled.....: 06/09/2004
Time Sampled.....: 11:45
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-2
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.056	U		0.056	ug/L	06/25/04	ljc
	beta-BHC	0.056	U		0.056	ug/L	06/25/04	ljc
	delta-BHC	0.056	U		0.056	ug/L	06/25/04	ljc
	gamma-BHC (Lindane)	0.056	U		0.056	ug/L	06/25/04	ljc
	Heptachlor	0.056	U		0.056	ug/L	06/25/04	ljc
	Aldrin	0.056	U		0.056	ug/L	06/25/04	ljc
	Heptachlor epoxide	0.056	U		0.056	ug/L	06/25/04	ljc
	Endosulfan I	0.11	U		0.11	ug/L	06/25/04	ljc
	Dieldrin	0.11	U		0.11	ug/L	06/25/04	ljc
	4,4'-DDE	0.11	U		0.11	ug/L	06/25/04	ljc
	Endrin	0.11	U		0.11	ug/L	06/25/04	ljc
	Endosulfan II	0.11	U		0.11	ug/L	06/25/04	ljc
	4,4'-DDD	0.11	U		0.11	ug/L	06/25/04	ljc
	Endosulfan sulfate	0.11	U		0.11	ug/L	06/25/04	ljc
	4,4'-DDT	0.11	U		0.11	ug/L	06/25/04	ljc
	Methoxychlor	0.056	U		0.056	ug/L	06/25/04	ljc
	Toxaphene	1.1	U		1.1	ug/L	06/25/04	ljc
	Endrin aldehyde	0.11	U		0.11	ug/L	06/25/04	ljc
	Technical Chlordane	0.56	U		0.56	ug/L	06/25/04	ljc

* In Description = Dry Wgt.

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STL Newburgh
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Tel (845) 562-0890
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LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-2
Date Sampled.....: 06/09/2004
Time Sampled.....: 11:45
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-2
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.56	U		0.56	ug/L	06/25/04	ljc
	Aroclor 1221	0.56	U		0.56	ug/L	06/25/04	ljc
	Aroclor 1232	0.56	U		0.56	ug/L	06/25/04	ljc
	Aroclor 1242	0.56	U		0.56	ug/L	06/25/04	ljc
	Aroclor 1248	0.56	U		0.56	ug/L	06/25/04	ljc
	Aroclor 1254	1.1	U		1.1	ug/L	06/25/04	ljc
	Aroclor 1260	1.1	U		1.1	ug/L	06/25/04	ljc

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-3
Date Sampled.....: 06/09/2004
Time Sampled.....: 14:45
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-3
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.059	U		0.059	ug/L	06/25/04	ljc
	beta-BHC	0.059	U		0.059	ug/L	06/25/04	ljc
	delta-BHC	0.059	U		0.059	ug/L	06/25/04	ljc
	gamma-BHC (Lindane)	0.059	U		0.059	ug/L	06/25/04	ljc
	Heptachlor	0.059	U		0.059	ug/L	06/25/04	ljc
	Aldrin	0.059	U		0.059	ug/L	06/25/04	ljc
	Heptachlor epoxide	0.059	U		0.059	ug/L	06/25/04	ljc
	Endosulfan I	0.12	U		0.12	ug/L	06/25/04	ljc
	Dieldrin	0.12	U		0.12	ug/L	06/25/04	ljc
	4,4'-DDE	0.12	U		0.12	ug/L	06/25/04	ljc
	Endrin	0.12	U		0.12	ug/L	06/25/04	ljc
	Endosulfan II	0.12	U		0.12	ug/L	06/25/04	ljc
	4,4'-DDD	0.12	U		0.12	ug/L	06/25/04	ljc
	Endosulfan sulfate	0.12	U		0.12	ug/L	06/25/04	ljc
	4,4'-DDT	0.12	U		0.12	ug/L	06/25/04	ljc
	Methoxychlor	0.059	U		0.059	ug/L	06/25/04	ljc
	Toxaphene	1.2	U		1.2	ug/L	06/25/04	ljc
	Endrin aldehyde	0.12	U		0.12	ug/L	06/25/04	ljc
	Technical Chlordane	0.59	U		0.59	ug/L	06/25/04	ljc

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-3
Date Sampled.....: 06/09/2004
Time Sampled.....: 14:45
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-3
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis	0.59	U		0.59	ug/L	06/26/04	ljc
	Aroclor 1016	0.59	U		0.59	ug/L	06/26/04	ljc
	Aroclor 1221	0.59	U		0.59	ug/L	06/26/04	ljc
	Aroclor 1232	0.59	U		0.59	ug/L	06/26/04	ljc
	Aroclor 1242	0.59	U		0.59	ug/L	06/26/04	ljc
	Aroclor 1248	0.59	U		0.59	ug/L	06/26/04	ljc
	Aroclor 1254	1.2	U		1.2	ug/L	06/26/04	ljc
	Aroclor 1260	1.2	U		1.2	ug/L	06/26/04	ljc

* In Description = Dry Wgt.

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315 Fullerton Avenue
Newburgh, NY 12550
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SAMPLE DATA SUMMARY PACKAGE

InteGreyted International, LLC

Syracuse, NY

Project: Cooper 0310025P

STL Lab. #: 237194

Matrix: Soil & Water

2 of 2

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-4
Date Sampled.....: 06/09/2004
Time Sampled.....: 15:37
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-4
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.062	U		0.062	ug/L	06/25/04	l jc
	beta-BHC	0.062	U		0.062	ug/L	06/25/04	l jc
	delta-BHC	0.062	U		0.062	ug/L	06/25/04	l jc
	gamma-BHC (Lindane)	0.030	J	J	0.062	ug/L	06/25/04	l jc
	Heptachlor	0.062	U		0.062	ug/L	06/25/04	l jc
	Aldrin	0.062	U		0.062	ug/L	06/25/04	l jc
	Heptachlor epoxide	0.062	U		0.062	ug/L	06/25/04	l jc
	Endosulfan I	0.12	U		0.12	ug/L	06/25/04	l jc
	Dieldrin	0.12	U		0.12	ug/L	06/25/04	l jc
	4,4'-DDE	0.12	U		0.12	ug/L	06/25/04	l jc
	Endrin	0.12	U		0.12	ug/L	06/25/04	l jc
	Endosulfan II	0.12	U		0.12	ug/L	06/25/04	l jc
	4,4'-DDD	0.12	U		0.12	ug/L	06/25/04	l jc
	Endosulfan sulfate	0.12	U		0.12	ug/L	06/25/04	l jc
	4,4'-DDT	0.12	U		0.12	ug/L	06/25/04	l jc
	Methoxychlor	0.062	U		0.062	ug/L	06/25/04	l jc
	Toxaphene	1.2	U		1.2	ug/L	06/25/04	l jc
	Endrin aldehyde	0.12	U		0.12	ug/L	06/25/04	l jc
	Technical Chlordane	0.62	U		0.62	ug/L	06/25/04	l jc

* In Description = Dry Wgt.

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STL Newburgh
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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-4
Date Sampled.....: 06/09/2004
Time Sampled.....: 15:37
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-4
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.62		U	0.62	ug/L	06/26/04	ljc
	Aroclor 1221	0.62		U	0.62	ug/L	06/26/04	ljc
	Aroclor 1232	0.62		U	0.62	ug/L	06/26/04	ljc
	Aroclor 1242	0.86			0.62	ug/L	06/26/04	ljc
	Aroclor 1248	0.62		U	0.62	ug/L	06/26/04	ljc
	Aroclor 1254	1.2		U	1.2	ug/L	06/26/04	ljc
	Aroclor 1260	1.2		U	1.2	ug/L	06/26/04	ljc

* In Description = Dry Wgt.

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STL Newburgh
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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-5
Date Sampled.....: 06/09/2004
Time Sampled.....: 14:45
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-5
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.052	U		0.052	ug/L	06/25/04	l jc
	beta-BHC	0.052	U		0.052	ug/L	06/25/04	l jc
	delta-BHC	0.052	U		0.052	ug/L	06/25/04	l jc
	gamma-BHC (Lindane)	0.010	J		0.052	ug/L	06/25/04	l jc
	Heptachlor	0.052	U		0.052	ug/L	06/25/04	l jc
	Aldrin	0.052	U		0.052	ug/L	06/25/04	l jc
	Heptachlor epoxide	0.052	U		0.052	ug/L	06/25/04	l jc
	Endosulfan I	0.10	U		0.10	ug/L	06/25/04	l jc
	Dieldrin	0.10	U		0.10	ug/L	06/25/04	l jc
	4,4'-DDE	0.10	U		0.10	ug/L	06/25/04	l jc
	Endrin	0.10	U		0.10	ug/L	06/25/04	l jc
	Endosulfan II	0.10	U		0.10	ug/L	06/25/04	l jc
	4,4'-DDD	0.10	U		0.10	ug/L	06/25/04	l jc
	Endosulfan sulfate	0.10	U		0.10	ug/L	06/25/04	l jc
	4,4'-DDT	0.10	U		0.10	ug/L	06/25/04	l jc
	Methoxychlor	0.052	U		0.052	ug/L	06/25/04	l jc
	Toxaphene	1.0	U		1.0	ug/L	06/25/04	l jc
	Endrin aldehyde	0.10	U		0.10	ug/L	06/25/04	l jc
	Technical Chlordane	0.52	U		0.52	ug/L	06/25/04	l jc

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-5
Date Sampled.....: 06/09/2004
Time Sampled.....: 14:45
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-5
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.52	U		0.52	ug/L	06/26/04	ljc
	Aroclor 1221	0.52	U		0.52	ug/L	06/26/04	ljc
	Aroclor 1232	0.52	U		0.52	ug/L	06/26/04	ljc
	Aroclor 1242	0.52	U		0.52	ug/L	06/26/04	ljc
	Aroclor 1248	0.52	U		0.52	ug/L	06/26/04	ljc
	Aroclor 1254	1.0	U		1.0	ug/L	06/26/04	ljc
	Aroclor 1260	1.0	U		1.0	ug/L	06/26/04	ljc

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: L-1
Date Sampled.....: 06/09/2004
Time Sampled.....: 13:00
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-6
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.056	U		0.056	ug/L	06/25/04	ljc
	beta-BHC	0.056	U		0.056	ug/L	06/25/04	ljc
	delta-BHC	0.056	U		0.056	ug/L	06/25/04	ljc
	gamma-BHC (Lindane)	0.056	U		0.056	ug/L	06/25/04	ljc
	Heptachlor	0.056	U		0.056	ug/L	06/25/04	ljc
	Aldrin	0.056	U		0.056	ug/L	06/25/04	ljc
	Heptachlor epoxide	0.11	U		0.11	ug/L	06/25/04	ljc
	Endosulfan I	0.11	U		0.11	ug/L	06/25/04	ljc
	Dieldrin	0.11	U		0.11	ug/L	06/25/04	ljc
	4,4'-DDE	0.11	U		0.11	ug/L	06/25/04	ljc
	Endrin	0.11	U		0.11	ug/L	06/25/04	ljc
	Endosulfan II	0.11	U		0.11	ug/L	06/25/04	ljc
	4,4'-DDD	0.11	U		0.11	ug/L	06/25/04	ljc
	Endosulfan sulfate	0.11	U		0.11	ug/L	06/25/04	ljc
	4,4'-DDT	0.056	U		0.056	ug/L	06/25/04	ljc
	Methoxychlor	1.1	U		1.1	ug/L	06/25/04	ljc
	Toxaphene	0.11	U		0.11	ug/L	06/25/04	ljc
	Endrin aldehyde	0.56	U		0.56	ug/L	06/25/04	ljc
	Technical Chlordane							

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: L-1
Date Sampled.....: 06/09/2004
Time Sampled.....: 13:00
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-6
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.56	U		0.56	ug/L	06/26/04	ljc
	Aroclor 1221	0.56	U		0.56	ug/L	06/26/04	ljc
	Aroclor 1232	0.56	U		0.56	ug/L	06/26/04	ljc
	Aroclor 1242	0.56	U		0.56	ug/L	06/26/04	ljc
	Aroclor 1248	0.56	U		0.56	ug/L	06/26/04	ljc
	Aroclor 1254	1.1	U		1.1	ug/L	06/26/04	ljc
	Aroclor 1260	1.1	U		1.1	ug/L	06/26/04	ljc

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-1
Date Sampled.....: 06/09/2004
Time Sampled.....: 11:20
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-7
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	38.0			0.10	%	06/15/04	ae
EPA 160.3	% Solids	62.0			0.10	%	06/15/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.7	U		2.7	ug/Kg	06/29/04	l jc
	beta-BHC*	2.7	U		2.7	ug/Kg	06/29/04	l jc
	delta-BHC*	2.7	U		2.7	ug/Kg	06/29/04	l jc
	gamma-BHC (Lindane)*	2.7	U	J	2.7	ug/Kg	06/29/04	l jc
	Heptachlor*	2.7	U		2.7	ug/Kg	06/29/04	l jc
	Aldrin*	2.7	U	J	2.7	ug/Kg	06/29/04	l jc
	Heptachlor epoxide*	2.7	U		2.7	ug/Kg	06/29/04	l jc
	Endosulfan I*	5.4	U		5.4	ug/Kg	06/29/04	l jc
	Dieldrin*	5.4	U		5.4	ug/Kg	06/29/04	l jc
	4,4'-DDE*	9.7	U	P J	5.4	ug/Kg	06/29/04	l jc
	Endrin*	5.4	U		5.4	ug/Kg	06/29/04	l jc
	Endosulfan II*	5.4	U		5.4	ug/Kg	06/29/04	l jc
	4,4'-DDD*	5.4	U		5.4	ug/Kg	06/29/04	l jc
	Endosulfan sulfate*	5.4	U		5.4	ug/Kg	06/29/04	l jc
	4,4'-DDT*	5.4	U		5.4	ug/Kg	06/29/04	l jc
	Methoxychlor*	27	U		27	ug/Kg	06/29/04	l jc
	Toxaphene*	54	U		54	ug/Kg	06/29/04	l jc
	Endrin aldehyde*	5.4	U		5.4	ug/Kg	06/29/04	l jc
	Technical Chlordane*	27	U		27	ug/Kg	06/29/04	l jc

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-1
Date Sampled.....: 06/09/2004
Time Sampled.....: 11:20
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-7
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	38.0			0.10	%	06/15/04	ae
EPA 160.3	% Solids	62.0			0.10	%	06/15/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	26	U		26	ug/Kg	06/27/04	ljc
	Aroclor 1221*	26	U		26	ug/Kg	06/27/04	ljc
	Aroclor 1232*	26	U		26	ug/Kg	06/27/04	ljc
	Aroclor 1242*	190		P J	26	ug/Kg	06/27/04	ljc
	Aroclor 1248*	26	U		26	ug/Kg	06/27/04	ljc
	Aroclor 1254*	460		E J	53	ug/Kg	06/27/04	ljc
	Aroclor 1260*	200		J	53	ug/Kg	06/27/04	ljc

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-1
Date Sampled.....: 06/09/2004
Time Sampled.....: 11:20
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-7
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	270	U		270	ug/Kg	06/29/04	ljc
	Aroclor 1221*	270	U		270	ug/Kg	06/29/04	ljc
	Aroclor 1232*	270	U		270	ug/Kg	06/29/04	ljc
	Aroclor 1242*	270	U		270	ug/Kg	06/29/04	ljc
	Aroclor 1248*	270	U		270	ug/Kg	06/29/04	ljc
	Aroclor 1254*	980		DJ	540	ug/Kg	06/29/04	ljc
	Aroclor 1260*	340	J	DJ	540	ug/Kg	06/29/04	ljc

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-2
Date Sampled.....: 06/09/2004
Time Sampled.....: 10:30
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-8
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	25.5			0.10	%	06/15/04	ae
EPA 160.3	% Solids	74.5			0.10	%	06/15/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.2	U		2.2	ug/Kg	06/29/04	l jc
	beta-BHC*	1.2	U		2.2	ug/Kg	06/29/04	l jc
	delta-BHC*	2.2	U		2.2	ug/Kg	06/29/04	l jc
	gamma-BHC (Lindane)*	2.2	U		2.2	ug/Kg	06/29/04	l jc
	Heptachlor*	2.2	U		2.2	ug/Kg	06/29/04	l jc
	Aldrin*	2.2	U		2.2	ug/Kg	06/29/04	l jc
	Heptachlor epoxide*	2.2	U		2.2	ug/Kg	06/29/04	l jc
	Endosulfan I*	4.5	U		4.5	ug/Kg	06/29/04	l jc
	Dieldrin*	4.5	U		4.5	ug/Kg	06/29/04	l jc
	4,4'-DDE*	2.0	U		4.5	ug/Kg	06/29/04	l jc
	Endrin*	4.5	U		4.5	ug/Kg	06/29/04	l jc
	Endosulfan II*	4.5	U		4.5	ug/Kg	06/29/04	l jc
	4,4'-DDD*	4.5	U		4.5	ug/Kg	06/29/04	l jc
	Endosulfan sulfate*	4.5	U		4.5	ug/Kg	06/29/04	l jc
	4,4'-DDT*	4.5	U		4.5	ug/Kg	06/29/04	l jc
	Methoxychlor*	22	U		22	ug/Kg	06/29/04	l jc
	Toxaphene*	45	U		45	ug/Kg	06/29/04	l jc
	Endrin aldehyde*	4.5	U		4.5	ug/Kg	06/29/04	l jc
	Technical Chlordane*	22	U		22	ug/Kg	06/29/04	l jc

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Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER D310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-2
Date Sampled.....: 06/09/2004
Time Sampled.....: 10:30
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-8
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	25.5			0.10	%	06/15/04	ae
EPA 160.3	% Solids	74.5			0.10	%	06/15/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	22	U		22	ug/Kg	06/27/04	ljc
	Aroclor 1221*	22	U		22	ug/Kg	06/27/04	ljc
	Aroclor 1232*	22	U		22	ug/Kg	06/27/04	ljc
	Aroclor 1242*	14	J	P J	22	ug/Kg	06/27/04	ljc
	Aroclor 1248*	22	U		22	ug/Kg	06/27/04	ljc
	Aroclor 1254*	21	J	J	44	ug/Kg	06/27/04	ljc
	Aroclor 1260*	13	J	J	44	ug/Kg	06/27/04	ljc

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-3
Date Sampled.....: 06/09/2004
Time Sampled.....: 10:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-9
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	29.8			0.10	%	06/17/04	ae
EPA 160.3	% Solids	70.2			0.10	%	06/17/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.4	U		2.4	ug/Kg	06/29/04	l jc
	beta-BHC*	1.6	U		2.4	ug/Kg	06/29/04	l jc
	delta-BHC*	2.4	U		2.4	ug/Kg	06/29/04	l jc
	gamma-BHC (Lindane)*	2.4	U		2.4	ug/Kg	06/29/04	l jc
	Heptachlor*	2.4	U		2.4	ug/Kg	06/29/04	l jc
	Aldrin*	2.4	U		2.4	ug/Kg	06/29/04	l jc
	Heptachlor epoxide*	2.4	U		2.4	ug/Kg	06/29/04	l jc
	Endosulfan I*	4.7	U		4.7	ug/Kg	06/29/04	l jc
	Dieldrin*	4.7	U		4.7	ug/Kg	06/29/04	l jc
	4,4'-DDE*	4.7	U		4.7	ug/Kg	06/29/04	l jc
	Endrin*	4.7	U		4.7	ug/Kg	06/29/04	l jc
	Endosulfan II*	4.7	U		4.7	ug/Kg	06/29/04	l jc
	4,4'-DDD*	4.7	U		4.7	ug/Kg	06/29/04	l jc
	Endosulfan sulfate*	4.7	U		4.7	ug/Kg	06/29/04	l jc
	4,4'-DDT*	8.1	U		4.7	ug/Kg	06/29/04	l jc
	Methoxychlor*	24	U		24	ug/Kg	06/29/04	l jc
	Toxaphene*	47	U		47	ug/Kg	06/29/04	l jc
	Endrin aldehyde*	4.7	U		4.7	ug/Kg	06/29/04	l jc
	Technical Chlordane*	24	U		24	ug/Kg	06/29/04	l jc

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-3
Date Sampled.....: 06/09/2004
Time Sampled.....: 10:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-9
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	29.8			0.10	%	06/17/04	ae
EPA 160.3	% Solids	70.2			0.10	%	06/17/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	23	U		23	ug/Kg	06/27/04	l jc
	Aroclor 1221*	23	U		23	ug/Kg	06/27/04	l jc
	Aroclor 1232*	23	U		23	ug/Kg	06/27/04	l jc
	Aroclor 1242*	29			23	ug/Kg	06/27/04	l jc
	Aroclor 1248*	23	U		23	ug/Kg	06/27/04	l jc
	Aroclor 1254*	73			47	ug/Kg	06/27/04	l jc
	Aroclor 1260*	49			47	ug/Kg	06/27/04	l jc

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-4
Date Sampled.....: 06/09/2004
Time Sampled.....: 13:05
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-10
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	61.4			0.10	%	06/15/04	ae
EPA 160.3	% Solids	38.6			0.10	%	06/15/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	4.3	U		4.3	ug/Kg	06/29/04	ljc
	beta-BHC*	4.3	U		4.3	ug/Kg	06/29/04	ljc
	delta-BHC*	4.3	U		4.3	ug/Kg	06/29/04	ljc
	gamma-BHC (Lindane)*	4.3	U		4.3	ug/Kg	06/29/04	ljc
	Heptachlor*	4.3	U		4.3	ug/Kg	06/29/04	ljc
	Aldrin*	4.3	U		4.3	ug/Kg	06/29/04	ljc
	Heptachlor epoxide*	4.3	U		4.3	ug/Kg	06/29/04	ljc
	Endosulfan I*	8.6	U		8.6	ug/Kg	06/29/04	ljc
	Dieldrin*	8.6	U		8.6	ug/Kg	06/29/04	ljc
	4,4'-DDE*	8.6	U		8.6	ug/Kg	06/29/04	ljc
	Endrin*	8.6	U		8.6	ug/Kg	06/29/04	ljc
	Endosulfan II*	8.6	U		8.6	ug/Kg	06/29/04	ljc
	4,4'-DDD*	8.6	U		8.6	ug/Kg	06/29/04	ljc
	Endosulfan sulfate*	8.6	U		8.6	ug/Kg	06/29/04	ljc
	4,4'-DDT*	8.6	U		8.6	ug/Kg	06/29/04	ljc
	Methoxychlor*	43	U		43	ug/Kg	06/29/04	ljc
	Toxaphene*	86	U		86	ug/Kg	06/29/04	ljc
	Endrin aldehyde*	8.6	U		8.6	ug/Kg	06/29/04	ljc
	Technical Chlordane*	43	U		43	ug/Kg	06/29/04	ljc

* In Description = Dry Wgt.

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STL Newburgh
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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGrayted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-4
Date Sampled.....: 06/09/2004
Time Sampled.....: 13:05
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-10
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	61.4			0.10	%	06/15/04	ae
EPA 160.3	% Solids	38.6			0.10	%	06/15/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	42	U		42	ug/Kg	06/27/04	ljc
	Aroclor 1221*	42	U		42	ug/Kg	06/27/04	ljc
	Aroclor 1232*	42	U		42	ug/Kg	06/27/04	ljc
	Aroclor 1242*	42	U		42	ug/Kg	06/27/04	ljc
	Aroclor 1248*	42	U		42	ug/Kg	06/27/04	ljc
	Aroclor 1254*	84	U		84	ug/Kg	06/27/04	ljc
	Aroclor 1260*	260		J	84	ug/Kg	06/27/04	ljc

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGrayted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-5
Date Sampled.....: 06/09/2004
Time Sampled.....: 13:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-11
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	19.6			0.10	%	06/15/04	ae
EPA 160.3	% Solids	80.4			0.10	%	06/15/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.1	U		2.1	ug/Kg	06/29/04	l jc
	beta-BHC*	2.1	U		2.1	ug/Kg	06/29/04	l jc
	delta-BHC*	2.1	U		2.1	ug/Kg	06/29/04	l jc
	gamma-BHC (Lindane)*	2.1	U		2.1	ug/Kg	06/29/04	l jc
	Heptachlor*	2.1	U		2.1	ug/Kg	06/29/04	l jc
	Aldrin*	2.1	U		2.1	ug/Kg	06/29/04	l jc
	Heptachlor epoxide*	2.1	U		2.1	ug/Kg	06/29/04	l jc
	Endosulfan I*	4.1	U		4.1	ug/Kg	06/29/04	l jc
	Dieldrin*	4.1	U		4.1	ug/Kg	06/29/04	l jc
	4,4'-DDE*	4.1	U		4.1	ug/Kg	06/29/04	l jc
	Endrin*	4.1	U		4.1	ug/Kg	06/29/04	l jc
	Endosulfan II*	4.1	U		4.1	ug/Kg	06/29/04	l jc
	4,4'-DDD*	4.1	U		4.1	ug/Kg	06/29/04	l jc
	Endosulfan sulfate*	4.1	U		4.1	ug/Kg	06/29/04	l jc
	4,4'-DDT*	4.1	U		4.1	ug/Kg	06/29/04	l jc
	Methoxychlor*	21	U		21	ug/Kg	06/29/04	l jc
	Toxaphene*	41	U		41	ug/Kg	06/29/04	l jc
	Endrin aldehyde*	4.1	U		4.1	ug/Kg	06/29/04	l jc
	Technical Chlordane*	21	U		21	ug/Kg	06/29/04	l jc

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-5
Date Sampled.....: 06/09/2004
Time Sampled.....: 13:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-11
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	19.6			0.10	%	06/15/04	ae
EPA 160.3	% Solids	80.4			0.10	%	06/15/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	20	U		20	ug/Kg	06/27/04	ljc
	Aroclor 1221*	20	U		20	ug/Kg	06/27/04	ljc
	Aroclor 1232*	20	U		20	ug/Kg	06/27/04	ljc
	Aroclor 1242*	20	U		20	ug/Kg	06/27/04	ljc
	Aroclor 1248*	20	U		20	ug/Kg	06/27/04	ljc
	Aroclor 1254*	41	U		41	ug/Kg	06/27/04	ljc
	Aroclor 1260*	41	U		41	ug/Kg	06/27/04	ljc

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-1
Date Sampled.....: 06/09/2004
Time Sampled.....: 10:15
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-12
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	52.5			0.10	%	06/15/04	ae
EPA 160.3	% Solids	47.5			0.10	%	06/15/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	3.5	U		3.5	ug/Kg	06/29/04	ljc
	beta-BHC*	3.5	U		3.5	ug/Kg	06/29/04	ljc
	delta-BHC*	3.5	U		3.5	ug/Kg	06/29/04	ljc
	gamma-BHC (Lindane)*	3.5	U		3.5	ug/Kg	06/29/04	ljc
	Heptachlor*	3.5	U		3.5	ug/Kg	06/29/04	ljc
	Aldrin*	3.5	U		3.5	ug/Kg	06/29/04	ljc
	Heptachlor epoxide*	3.5	U		3.5	ug/Kg	06/29/04	ljc
	Endosulfan I*	7.0	U		7.0	ug/Kg	06/29/04	ljc
	Dieldrin*	7.0	U		7.0	ug/Kg	06/29/04	ljc
	4,4'-DDE*	7.0	U		7.0	ug/Kg	06/29/04	ljc
	Endrin*	7.0	U		7.0	ug/Kg	06/29/04	ljc
	Endosulfan II*	7.0	U		7.0	ug/Kg	06/29/04	ljc
	4,4'-DDD*	7.0	U		7.0	ug/Kg	06/29/04	ljc
	Endosulfan sulfate*	7.0	U		7.0	ug/Kg	06/29/04	ljc
	4,4'-DDT*	7.0	U		7.0	ug/Kg	06/29/04	ljc
	Methoxychlor*	35	U		35	ug/Kg	06/29/04	ljc
	Toxaphene*	70	U		70	ug/Kg	06/29/04	ljc
	Endrin aldehyde*	7.0	U		7.0	ug/Kg	06/29/04	ljc
	Technical Chlordane*	35	U		35	ug/Kg	06/29/04	ljc

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-1
Date Sampled.....: 06/09/2004
Time Sampled.....: 10:15
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-12
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	52.5			0.10	%	06/15/04	ae
EPA 160.3	% Solids	47.5			0.10	%	06/15/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	35	U		35	ug/Kg	06/27/04	ljc
	Aroclor 1221*	35	U		35	ug/Kg	06/27/04	ljc
	Aroclor 1232*	35	U		35	ug/Kg	06/27/04	ljc
	Aroclor 1242*	540		EP J	35	ug/Kg	06/27/04	ljc
	Aroclor 1248*	35	U		35	ug/Kg	06/27/04	ljc
	Aroclor 1254*	580		E J	70	ug/Kg	06/27/04	ljc
	Aroclor 1260*	220		J	70	ug/Kg	06/27/04	ljc

* In Description = Dry Wgt.

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STL Newburgh
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Newburgh, NY 12550
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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-1
Date Sampled.....: 06/09/2004
Time Sampled.....: 10:15
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-12
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	350	U		350	ug/Kg	06/29/04	ljc
	Aroclor 1221*	350	U		350	ug/Kg	06/29/04	ljc
	Aroclor 1232*	350	U		350	ug/Kg	06/29/04	ljc
	Aroclor 1242*	1800		D J	350	ug/Kg	06/29/04	ljc
	Aroclor 1248*	350	U		350	ug/Kg	06/29/04	ljc
	Aroclor 1254*	1100		D J	700	ug/Kg	06/29/04	ljc
	Aroclor 1260*	300	J	D J	700	ug/Kg	06/29/04	ljc

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-2
Date Sampled.....: 06/09/2004
Time Sampled.....: 11:45
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-13
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	57.5			0.10	%	06/15/04	ae
EPA 160.3	% Solids	42.5			0.10	%	06/15/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	beta-BHC*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	delta-BHC*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	gamma-BHC (Lindane)*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	Heptachlor*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	Aldrin*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	Heptachlor epoxide*	7.8	U		7.8	ug/Kg	06/29/04	ljc
	Endosulfan I*	7.8	U		7.8	ug/Kg	06/29/04	ljc
	Dieldrin*	7.8	U		7.8	ug/Kg	06/29/04	ljc
	4,4'-DDE*	7.8	U		7.8	ug/Kg	06/29/04	ljc
	Endrin*	7.8	U		7.8	ug/Kg	06/29/04	ljc
	Endosulfan II*	7.8	U		7.8	ug/Kg	06/29/04	ljc
	4,4'-DDD*	7.8	U		7.8	ug/Kg	06/29/04	ljc
	Endosulfan sulfate*	7.8	U		7.8	ug/Kg	06/29/04	ljc
	4,4'-DDT*	7.8	U		7.8	ug/Kg	06/29/04	ljc
	Methoxychlor*	39	U		39	ug/Kg	06/29/04	ljc
	Toxaphene*	78	U		78	ug/Kg	06/29/04	ljc
	Endrin aldehyde*	7.8	U		7.8	ug/Kg	06/29/04	ljc
	Technical Chlordane*	39	U		39	ug/Kg	06/29/04	ljc

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-2
Date Sampled.....: 06/09/2004
Time Sampled.....: 11:45
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-13
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	57.5			0.10	%	06/15/04	ae
EPA 160.3	% Solids	42.5			0.10	%	06/15/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	39	U		39	ug/Kg	06/27/04	ljc
	Aroclor 1221*	39	U		39	ug/Kg	06/27/04	ljc
	Aroclor 1232*	39	U		39	ug/Kg	06/27/04	ljc
	Aroclor 1242*	1200		EP J	39	ug/Kg	06/27/04	ljc
	Aroclor 1248*	39	U		39	ug/Kg	06/27/04	ljc
	Aroclor 1254*	580		E J	78	ug/Kg	06/27/04	ljc
	Aroclor 1260*	260		P J	78	ug/Kg	06/27/04	ljc

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-2
Date Sampled.....: 06/09/2004
Time Sampled.....: 11:45
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-13
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	390	U		390	ug/Kg	06/29/04	l jc
	Aroclor 1221*	390	U		390	ug/Kg	06/29/04	l jc
	Aroclor 1232*	390	U		390	ug/Kg	06/29/04	l jc
	Aroclor 1242*	3000		D J	390	ug/Kg	06/29/04	l jc
	Aroclor 1248*	390	U		390	ug/Kg	06/29/04	l jc
	Aroclor 1254*	1200		D J	780	ug/Kg	06/29/04	l jc
	Aroclor 1260*	360	J	D J	780	ug/Kg	06/29/04	l jc

* In Description = Dry Wgt.

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-3
Date Sampled.....: 06/09/2004
Time Sampled.....: 14:45
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-14
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	53.6			0.10	%	06/17/04	ae
EPA 160.3	% Solids	46.4			0.10	%	06/17/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	3.6	U		3.6	ug/Kg	06/29/04	ljc
	beta-BHC*	3.6	U		3.6	ug/Kg	06/29/04	ljc
	delta-BHC*	3.6	U		3.6	ug/Kg	06/29/04	ljc
	gamma-BHC (Lindane)*	3.6	U		3.6	ug/Kg	06/29/04	ljc
	Heptachlor*	3.6	U		3.6	ug/Kg	06/29/04	ljc
	Aldrin*	3.6	U		3.6	ug/Kg	06/29/04	ljc
	Heptachlor epoxide*	3.6	U		3.6	ug/Kg	06/29/04	ljc
	Endosulfan I*	7.2	U		7.2	ug/Kg	06/29/04	ljc
	Dieldrin*	7.2	U		7.2	ug/Kg	06/29/04	ljc
	4,4'-DDE*	7.2	U		7.2	ug/Kg	06/29/04	ljc
	Endrin*	7.2	U		7.2	ug/Kg	06/29/04	ljc
	Endosulfan II*	7.2	U		7.2	ug/Kg	06/29/04	ljc
	4,4'-DDD*	7.2	U		7.2	ug/Kg	06/29/04	ljc
	Endosulfan sulfate*	7.2	U		7.2	ug/Kg	06/29/04	ljc
	4,4'-DDT*	7.2	U		7.2	ug/Kg	06/29/04	ljc
	Methoxychlor*	36	U		36	ug/Kg	06/29/04	ljc
	Toxaphene*	72	U		72	ug/Kg	06/29/04	ljc
	Endrin aldehyde*	7.2	U		7.2	ug/Kg	06/29/04	ljc
	Technical Chlordane*	36	U		36	ug/Kg	06/29/04	ljc

* In Description = Dry Wgt.

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315 Fullerton Avenue
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Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-3
Date Sampled.....: 06/09/2004
Time Sampled.....: 14:45
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-14
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	53.6			0.10	%	06/17/04	ae
EPA 160.3	% Solids	46.4			0.10	%	06/17/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	35	U		35	ug/Kg	06/27/04	ljc
	Aroclor 1221*	35	U		35	ug/Kg	06/27/04	ljc
	Aroclor 1232*	35	U		35	ug/Kg	06/27/04	ljc
	Aroclor 1242*	1100		EPJ	35	ug/Kg	06/27/04	ljc
	Aroclor 1248*	35	U		35	ug/Kg	06/27/04	ljc
	Aroclor 1254*	710		EJ	71	ug/Kg	06/27/04	ljc
	Aroclor 1260*	250		J	71	ug/Kg	06/27/04	ljc

* In Description = Dry Wgt.

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-3
Date Sampled.....: 06/09/2004
Time Sampled.....: 14:45
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-14
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	360	U		360	ug/Kg	06/29/04	l jc
	Aroclor 1221*	360	U		360	ug/Kg	06/29/04	l jc
	Aroclor 1232*	360	U		360	ug/Kg	06/29/04	l jc
	Aroclor 1242*	2900		D J	360	ug/Kg	06/29/04	l jc
	Aroclor 1248*	360	U		360	ug/Kg	06/29/04	l jc
	Aroclor 1254*	1600		D J	720	ug/Kg	06/29/04	l jc
	Aroclor 1260*	360	J	D J	720	ug/Kg	06/29/04	l jc

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-4
Date Sampled.....: 06/09/2004
Time Sampled.....: 15:30
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-15
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	47.2			0.10	%	06/15/04	ae
EPA 160.3	% Solids	52.8			0.10	%	06/15/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	3.1	U		3.1	ug/Kg	06/29/04	ljc
	beta-BHC*	3.1	U		3.1	ug/Kg	06/29/04	ljc
	delta-BHC*	3.1	U		3.1	ug/Kg	06/29/04	ljc
	gamma-BHC (Lindane)*	37	U	P J	3.1	ug/Kg	06/29/04	ljc
	Heptachlor*	3.1	U		3.1	ug/Kg	06/29/04	ljc
	Aldrin*	3.1	U	J	3.1	ug/Kg	06/29/04	ljc
	Heptachlor epoxide*	3.1	U		3.1	ug/Kg	06/29/04	ljc
	Endosulfan I*	6.3	U		6.3	ug/Kg	06/29/04	ljc
	Dieldrin*	6.3	U		6.3	ug/Kg	06/29/04	ljc
	4,4'-DDE*	6.3	U		6.3	ug/Kg	06/29/04	ljc
	Endrin*	6.3	U		6.3	ug/Kg	06/29/04	ljc
	Endosulfan II*	6.3	U		6.3	ug/Kg	06/29/04	ljc
	4,4'-DDD*	6.3	U		6.3	ug/Kg	06/29/04	ljc
	Endosulfan sulfate*	6.3	U		6.3	ug/Kg	06/29/04	ljc
	4,4'-DDT*	6.3	U		6.3	ug/Kg	06/29/04	ljc
	Methoxychlor*	32	U		32	ug/Kg	06/29/04	ljc
	Toxaphene*	63	U		63	ug/Kg	06/29/04	ljc
	Endrin aldehyde*	6.3	U		6.3	ug/Kg	06/29/04	ljc
	Technical Chlordane*	32	U		32	ug/Kg	06/29/04	ljc

* In Description = Dry Wgt.

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Tel (845) 562-0890
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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-4
Date Sampled.....: 06/09/2004
Time Sampled.....: 15:30
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-15
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	47.2			0.10	%	06/15/04	ae
EPA 160.3	% Solids	52.8			0.10	%	06/15/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	31	U		31	ug/Kg	06/27/04	ljc
	Aroclor 1221*	31	U		31	ug/Kg	06/27/04	ljc
	Aroclor 1232*	31	U		31	ug/Kg	06/27/04	ljc
	Aroclor 1242*	750		EP	31	ug/Kg	06/27/04	ljc
	Aroclor 1248*	31	U		31	ug/Kg	06/27/04	ljc
	Aroclor 1254*	560		EP	61	ug/Kg	06/27/04	ljc
	Aroclor 1260*	180			61	ug/Kg	06/27/04	ljc

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-4
Date Sampled.....: 06/09/2004
Time Sampled.....: 15:30
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-15
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	310	U		310	ug/Kg	06/29/04	ljc
	Aroclor 1221*	310	U		310	ug/Kg	06/29/04	ljc
	Aroclor 1232*	310	U		310	ug/Kg	06/29/04	ljc
	Aroclor 1242*	2200		D J	310	ug/Kg	06/29/04	ljc
	Aroclor 1248*	310	U		310	ug/Kg	06/29/04	ljc
	Aroclor 1254*	1200		D J	630	ug/Kg	06/29/04	ljc
	Aroclor 1260*	260	J	D J	630	ug/Kg	06/29/04	ljc

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-5
Date Sampled.....: 06/09/2004
Time Sampled.....: 14:45
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-16
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	52.9			0.10	%	06/15/04	ae
EPA 160.3	% Solids	47.1			0.10	%	06/15/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	3.5	U		3.5	ug/Kg	06/29/04	ljc
	beta-BHC*	3.5	U		3.5	ug/Kg	06/29/04	ljc
	delta-BHC*	3.5	U		3.5	ug/Kg	06/29/04	ljc
	gamma-BHC (Lindane)*	39	U	P	3.5	ug/Kg	06/29/04	ljc
	Heptachlor*	3.5	U		3.5	ug/Kg	06/29/04	ljc
	Aldrin*	3.5	U		3.5	ug/Kg	06/29/04	ljc
	Heptachlor epoxide*	7.1	U		7.1	ug/Kg	06/29/04	ljc
	Endosulfan I*	7.1	U		7.1	ug/Kg	06/29/04	ljc
	Dieldrin*	7.1	U		7.1	ug/Kg	06/29/04	ljc
	4,4'-DDE*	7.1	U		7.1	ug/Kg	06/29/04	ljc
	Endrin*	7.1	U		7.1	ug/Kg	06/29/04	ljc
	Endosulfan II*	7.1	U		7.1	ug/Kg	06/29/04	ljc
	4,4'-DDD*	7.1	U		7.1	ug/Kg	06/29/04	ljc
	Endosulfan sulfate*	7.1	U		7.1	ug/Kg	06/29/04	ljc
	4,4'-DDT*	35	U		35	ug/Kg	06/29/04	ljc
	Methoxychlor*	71	U		71	ug/Kg	06/29/04	ljc
	Toxaphene*	7.1	U		7.1	ug/Kg	06/29/04	ljc
	Endrin aldehyde*	35	U		35	ug/Kg	06/29/04	ljc
	Technical Chlordane*							

* In Description = Dry Wgt.

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STL Newburgh
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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-5
Date Sampled.....: 06/09/2004
Time Sampled.....: 14:45
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-16
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	52.9			0.10	%	06/15/04	ae
EPA 160.3	% Solids	47.1			0.10	%	06/15/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	34	U		34	ug/Kg	06/27/04	ljc
	Aroclor 1221*	34	U		34	ug/Kg	06/27/04	ljc
	Aroclor 1232*	34	U		34	ug/Kg	06/27/04	ljc
	Aroclor 1242*	1100		EP	34	ug/Kg	06/27/04	ljc
	Aroclor 1248*	34	U		34	ug/Kg	06/27/04	ljc
	Aroclor 1254*	670		E	69	ug/Kg	06/27/04	ljc
	Aroclor 1260*	250		S	69	ug/Kg	06/27/04	ljc

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-5
Date Sampled.....: 06/09/2004
Time Sampled.....: 14:45
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-16
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	350	U		350	ug/Kg	06/29/04	ljc
	Aroclor 1221*	350	U		350	ug/Kg	06/29/04	ljc
	Aroclor 1232*	350	U		350	ug/Kg	06/29/04	ljc
	Aroclor 1242*	2700		DP J	350	ug/Kg	06/29/04	ljc
	Aroclor 1248*	350	U		350	ug/Kg	06/29/04	ljc
	Aroclor 1254*	1600		D J	710	ug/Kg	06/29/04	ljc
	Aroclor 1260*	310	J	D J	710	ug/Kg	06/29/04	ljc

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER D310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-6
Date Sampled.....: 06/09/2004
Time Sampled.....: 10:40
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-17
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	49.7			0.10	%	06/17/04	ae
EPA 160.3	% Solids	50.3			0.10	%	06/17/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	3.3	U		3.3	ug/Kg	06/29/04	ljc
	beta-BHC*	3.3	U		3.3	ug/Kg	06/29/04	ljc
	delta-BHC*	3.3	U		3.3	ug/Kg	06/29/04	ljc
	gamma-BHC (Lindane)*	3.3	U	J	3.3	ug/Kg	06/29/04	ljc
	Heptachlor*	3.3	U	J	3.3	ug/Kg	06/29/04	ljc
	Aldrin*	3.3	U		3.3	ug/Kg	06/29/04	ljc
	Heptachlor epoxide*	3.3	U		3.3	ug/Kg	06/29/04	ljc
	Endosulfan I*	6.6	U		6.6	ug/Kg	06/29/04	ljc
	Dieldrin*	6.6	U		6.6	ug/Kg	06/29/04	ljc
	4,4'-DDE*	6.6	U		6.6	ug/Kg	06/29/04	ljc
	Endrin*	6.6	U		6.6	ug/Kg	06/29/04	ljc
	Endosulfan II*	6.6	U		6.6	ug/Kg	06/29/04	ljc
	4,4'-DDD*	6.6	U		6.6	ug/Kg	06/29/04	ljc
	Endosulfan sulfate*	6.6	U		6.6	ug/Kg	06/29/04	ljc
	4,4'-DDT*	6.6	U		6.6	ug/Kg	06/29/04	ljc
	Methoxychlor*	33	U		33	ug/Kg	06/29/04	ljc
	Toxaphene*	66	U		66	ug/Kg	06/29/04	ljc
	Endrin aldehyde*	6.6	U		6.6	ug/Kg	06/29/04	ljc
	Technical Chlordane*	33	U		33	ug/Kg	06/29/04	ljc

* In Description = Dry Wgt.

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-6
Date Sampled.....: 06/09/2004
Time Sampled.....: 10:40
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-17
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	49.7			0.10	%	06/17/04	ae
EPA 160.3	% Solids	50.3			0.10	%	06/17/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	32	U		32	ug/Kg	06/27/04	ljc
	Aroclor 1221*	32	U		32	ug/Kg	06/27/04	ljc
	Aroclor 1232*	32	U		32	ug/Kg	06/27/04	ljc
	Aroclor 1242*	310		P 1	32	ug/Kg	06/27/04	ljc
	Aroclor 1248*	32	U		32	ug/Kg	06/27/04	ljc
	Aroclor 1254*	370		U E 2	64	ug/Kg	06/27/04	ljc
	Aroclor 1260*	150			64	ug/Kg	06/27/04	ljc

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-6
Date Sampled.....: 06/09/2004
Time Sampled.....: 10:40
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-17
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016*	330	U		330	ug/Kg	06/29/04	ljc
	Aroclor 1221*	330	U		330	ug/Kg	06/29/04	ljc
	Aroclor 1232*	330	U		330	ug/Kg	06/29/04	ljc
	Aroclor 1242*	930		DY	330	ug/Kg	06/29/04	ljc
	Aroclor 1248*	330	U		330	ug/Kg	06/29/04	ljc
	Aroclor 1254*	770		DY	660	ug/Kg	06/29/04	ljc
	Aroclor 1260*	210	J	DY	660	ug/Kg	06/29/04	ljc

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: L-2
Date Sampled.....: 06/10/2004
Time Sampled.....: 08:00
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-19
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.067	U		0.067	ug/L	06/25/04	ljc
	beta-BHC	0.067	U		0.067	ug/L	06/25/04	ljc
	delta-BHC	0.067	U		0.067	ug/L	06/25/04	ljc
	gamma-BHC (Lindane)	0.067	U		0.067	ug/L	06/25/04	ljc
	Heptachlor	0.067	U		0.067	ug/L	06/25/04	ljc
	Aldrin	0.067	U		0.067	ug/L	06/25/04	ljc
	Heptachlor epoxide	0.067	U		0.067	ug/L	06/25/04	ljc
	Endosulfan I	0.13	U		0.13	ug/L	06/25/04	ljc
	Dieldrin	0.13	U		0.13	ug/L	06/25/04	ljc
	4,4'-DDE	0.13	U		0.13	ug/L	06/25/04	ljc
	Endrin	0.13	U		0.13	ug/L	06/25/04	ljc
	Endosulfan II	0.13	U		0.13	ug/L	06/25/04	ljc
	4,4'-DDD	0.13	U		0.13	ug/L	06/25/04	ljc
	Endosulfan sulfate	0.13	U		0.13	ug/L	06/25/04	ljc
	4,4'-DDT	0.13	U		0.13	ug/L	06/25/04	ljc
	Methoxychlor	0.067	U		0.067	ug/L	06/25/04	ljc
	Toxaphene	1.3	U		1.3	ug/L	06/25/04	ljc
	Endrin aldehyde	0.13	U		0.13	ug/L	06/25/04	ljc
	Technical Chlordane	0.67	U		0.67	ug/L	06/25/04	ljc

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: L-2
Date Sampled.....: 06/10/2004
Time Sampled.....: 08:00
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-19
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.67	U		0.67	ug/L	06/26/04	ljc
	Aroclor 1221	0.67	U		0.67	ug/L	06/26/04	ljc
	Aroclor 1232	0.67	U		0.67	ug/L	06/26/04	ljc
	Aroclor 1242	0.67	U		0.67	ug/L	06/26/04	ljc
	Aroclor 1248	0.67	U		0.67	ug/L	06/26/04	ljc
	Aroclor 1254	1.3	U		1.3	ug/L	06/26/04	ljc
	Aroclor 1260	1.3	U		1.3	ug/L	06/26/04	ljc

* In Description = Dry Wgt.

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-6
Date Sampled.....: 06/10/2004
Time Sampled.....: 08:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-20
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	28.7			0.10	%	06/17/04	ae
EPA 160.3	% Solids	71.3			0.10	%	06/17/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.3	U		2.3	ug/Kg	06/29/04	ljc
	beta-BHC*	2.3	U		2.3	ug/Kg	06/29/04	ljc
	delta-BHC*	2.3	U		2.3	ug/Kg	06/29/04	ljc
	gamma-BHC (Lindane)*	2.3	U		2.3	ug/Kg	06/29/04	ljc
	Heptachlor*	2.3	U		2.3	ug/Kg	06/29/04	ljc
	Aldrin*	2.3	U		2.3	ug/Kg	06/29/04	ljc
	Heptachlor epoxide*	2.3	U		2.3	ug/Kg	06/29/04	ljc
	Endosulfan I*	4.7	U		4.7	ug/Kg	06/29/04	ljc
	Dieldrin*	4.7	U		4.7	ug/Kg	06/29/04	ljc
	4,4'-DDE*	4.7	U		4.7	ug/Kg	06/29/04	ljc
	Endrin*	4.7	U		4.7	ug/Kg	06/29/04	ljc
	Endosulfan II*	4.7	U		4.7	ug/Kg	06/29/04	ljc
	4,4'-DDD*	4.7	U		4.7	ug/Kg	06/29/04	ljc
	Endosulfan sulfate*	4.7	U		4.7	ug/Kg	06/29/04	ljc
	4,4'-DDT*	4.7	U		4.7	ug/Kg	06/29/04	ljc
	Methoxychlor*	23	U		23	ug/Kg	06/29/04	ljc
	Toxaphene*	47	U		47	ug/Kg	06/29/04	ljc
	Endrin aldehyde*	4.7	U		4.7	ug/Kg	06/29/04	ljc
	Technical Chlordane*	23	U		23	ug/Kg	06/29/04	ljc

* In Description = Dry Wgt.

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-6
Date Sampled.....: 06/10/2004
Time Sampled.....: 08:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-20
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	28.7			0.10	%	06/17/04	ae
EPA 160.3	% Solids	71.3			0.10	%	06/17/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	23	U		23	ug/Kg	06/27/04	l jc
	Aroclor 1221*	23	U		23	ug/Kg	06/27/04	l jc
	Aroclor 1232*	23	U		23	ug/Kg	06/27/04	l jc
	Aroclor 1242*	23	U		23	ug/Kg	06/27/04	l jc
	Aroclor 1248*	23	U		23	ug/Kg	06/27/04	l jc
	Aroclor 1254*	46	U		46	ug/Kg	06/27/04	l jc
	Aroclor 1260*	46	U		46	ug/Kg	06/27/04	l jc

* In Description = Dry Wgt.

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Newburgh, NY 12550
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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-7
Date Sampled.....: 06/10/2004
Time Sampled.....: 08:15
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-21
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	32.8			0.10	%	06/15/04	ae
EPA 160.3	% Solids	67.2			0.10	%	06/15/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.5	U		2.5	ug/Kg	06/29/04	ljc
	beta-BHC*	2.5	U		2.5	ug/Kg	06/29/04	ljc
	delta-BHC*	2.5	U		2.5	ug/Kg	06/29/04	ljc
	gamma-BHC (Lindane)*	2.5	U		2.5	ug/Kg	06/29/04	ljc
	Heptachlor*	2.5	U		2.5	ug/Kg	06/29/04	ljc
	Aldrin*	2.5	U		2.5	ug/Kg	06/29/04	ljc
	Heptachlor epoxide*	2.5	U		2.5	ug/Kg	06/29/04	ljc
	Endosulfan I*	5.0	U		5.0	ug/Kg	06/29/04	ljc
	Dieldrin*	5.0	U		5.0	ug/Kg	06/29/04	ljc
	4,4'-DDE*	5.0	U		5.0	ug/Kg	06/29/04	ljc
	Endrin*	5.0	U		5.0	ug/Kg	06/29/04	ljc
	Endosulfan II*	5.0	U		5.0	ug/Kg	06/29/04	ljc
	4,4'-DDD*	5.0	U		5.0	ug/Kg	06/29/04	ljc
	Endosulfan sulfate*	5.0	U		5.0	ug/Kg	06/29/04	ljc
	4,4'-DDT*	5.0	U		5.0	ug/Kg	06/29/04	ljc
	Methoxychlor*	25	U		25	ug/Kg	06/29/04	ljc
	Toxaphene*	50	U		50	ug/Kg	06/29/04	ljc
	Endrin aldehyde*	5.0	U		5.0	ug/Kg	06/29/04	ljc
	Technical Chlordane*	25	U		25	ug/Kg	06/29/04	ljc

* In Description = Dry Wgt.

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-7
Date Sampled.....: 06/10/2004
Time Sampled.....: 08:15
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-21
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	32.8			0.10	%	06/15/04	ae
EPA 160.3	% Solids	67.2			0.10	%	06/15/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	24	U		24	ug/Kg	06/27/04	ljc
	Aroclor 1221*	24	U		24	ug/Kg	06/27/04	ljc
	Aroclor 1232*	24	U		24	ug/Kg	06/27/04	ljc
	Aroclor 1242*	24	U		24	ug/Kg	06/27/04	ljc
	Aroclor 1248*	24	U		24	ug/Kg	06/27/04	ljc
	Aroclor 1254*	48	U		48	ug/Kg	06/27/04	ljc
	Aroclor 1260*	22	J	P J	48	ug/Kg	06/27/04	ljc

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGryted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-8
Date Sampled.....: 06/10/2004
Time Sampled.....: 08:45
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-22
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	31.6			0.10	%	06/15/04	ae
EPA 160.3	% Solids	68.4			0.10	%	06/15/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	2.4	U		2.4	ug/Kg	06/29/04	ljc
	beta-BHC*	2.4	U		2.4	ug/Kg	06/29/04	ljc
	delta-BHC*	2.4	U		2.4	ug/Kg	06/29/04	ljc
	gamma-BHC (Lindane)*	2.4	U	J	2.4	ug/Kg	06/29/04	ljc
	Heptachlor*	2.4	U		2.4	ug/Kg	06/29/04	ljc
	Aldrin*	2.4	U	J	2.4	ug/Kg	06/29/04	ljc
	Heptachlor epoxide*	2.4	U		2.4	ug/Kg	06/29/04	ljc
	Endosulfan I*	4.9	U		4.9	ug/Kg	06/29/04	ljc
	Dieldrin*	4.9	U		4.9	ug/Kg	06/29/04	ljc
	4,4'-DDE*	4.9	U		4.9	ug/Kg	06/29/04	ljc
	Endrin*	4.9	U		4.9	ug/Kg	06/29/04	ljc
	Endosulfan II*	4.9	U		4.9	ug/Kg	06/29/04	ljc
	4,4'-DDD*	4.9	U		4.9	ug/Kg	06/29/04	ljc
	Endosulfan sulfate*	4.9	U		4.9	ug/Kg	06/29/04	ljc
	4,4'-DDT*	4.9	U		4.9	ug/Kg	06/29/04	ljc
	Methoxychlor*	24	U		24	ug/Kg	06/29/04	ljc
	Toxaphene*	49	U		49	ug/Kg	06/29/04	ljc
	Endrin aldehyde*	4.9	U		4.9	ug/Kg	06/29/04	ljc
	Technical Chlordane*	24	U		24	ug/Kg	06/29/04	ljc

* In Description = Dry Wgt.

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-8
Date Sampled.....: 06/10/2004
Time Sampled.....: 08:45
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-22
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	31.6			0.10	%	06/15/04	ae
EPA 160.3	% Solids	68.4			0.10	%	06/15/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	24	U		24	ug/Kg	06/27/04	ljc
	Aroclor 1221*	24	U		24	ug/Kg	06/27/04	ljc
	Aroclor 1232*	24	U		24	ug/Kg	06/27/04	ljc
	Aroclor 1242*	24	U		24	ug/Kg	06/27/04	ljc
	Aroclor 1248*	24	U		24	ug/Kg	06/27/04	ljc
	Aroclor 1254*	18	J		47	ug/Kg	06/27/04	ljc
	Aroclor 1260*	30	J		47	ug/Kg	06/27/04	ljc

* In Description = Dry Wgt.

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Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGrayed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-9
Date Sampled.....: 06/10/2004
Time Sampled.....: 09:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-23
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	14.1			0.10	%	06/15/04	ae
EPA 160.3	% Solids	85.9			0.10	%	06/15/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	1.9	U		1.9	ug/Kg	06/29/04	ljc
	beta-BHC*	1.9	U		1.9	ug/Kg	06/29/04	ljc
	delta-BHC*	1.9	U		1.9	ug/Kg	06/29/04	ljc
	gamma-BHC (Lindane)*	1.9	U		1.9	ug/Kg	06/29/04	ljc
	Heptachlor*	1.9	U		1.9	ug/Kg	06/29/04	ljc
	Aldrin*	1.9	U		1.9	ug/Kg	06/29/04	ljc
	Heptachlor epoxide*	1.9	U		1.9	ug/Kg	06/29/04	ljc
	Endosulfan I*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	Dieldrin*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	4,4'-DDE*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	Endrin*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	Endosulfan II*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	4,4'-DDD*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	Endosulfan sulfate*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	4,4'-DDT*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	Methoxychlor*	19	U		19	ug/Kg	06/29/04	ljc
	Toxaphene*	39	U		39	ug/Kg	06/29/04	ljc
	Endrin aldehyde*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	Technical Chlordane*	19	U		19	ug/Kg	06/29/04	ljc

* In Description = Dry Wgt.

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-9
Date Sampled.....: 06/10/2004
Time Sampled.....: 09:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-23
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	14.1			0.10	%	06/15/04	ae
EPA 160.3	% Solids	85.9			0.10	%	06/15/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	19	U		19	ug/Kg	06/27/04	ljc
	Aroclor 1221*	19	U		19	ug/Kg	06/27/04	ljc
	Aroclor 1232*	19	U		19	ug/Kg	06/27/04	ljc
	Aroclor 1242*	19	U		19	ug/Kg	06/27/04	ljc
	Aroclor 1248*	19	U		19	ug/Kg	06/27/04	ljc
	Aroclor 1254*	56			38	ug/Kg	06/27/04	ljc
	Aroclor 1260*	130			38	ug/Kg	06/27/04	ljc

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LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-10
Date Sampled.....: 06/10/2004
Time Sampled.....: 09:15
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-24
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	14.3			0.10	%	06/15/04	ae
EPA 160.3	% Solids	85.7			0.10	%	06/15/04	ae
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	1.9	U		1.9	ug/Kg	06/29/04	ljc
	beta-BHC*	1.9	U		1.9	ug/Kg	06/29/04	ljc
	delta-BHC*	1.9	U		1.9	ug/Kg	06/29/04	ljc
	gamma-BHC (Lindane)*	1.9	U		1.9	ug/Kg	06/29/04	ljc
	Heptachlor*	1.9	U		1.9	ug/Kg	06/29/04	ljc
	Aldrin*	1.9	U		1.9	ug/Kg	06/29/04	ljc
	Heptachlor epoxide*	1.9	U		1.9	ug/Kg	06/29/04	ljc
	Endosulfan I*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	Dieldrin*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	4,4'-DDE*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	Endrin*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	Endosulfan II*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	4,4'-DDD*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	Endosulfan sulfate*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	4,4'-DDT*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	Methoxychlor*	19	U		19	ug/Kg	06/29/04	ljc
	Toxaphene*	39	U		39	ug/Kg	06/29/04	ljc
	Endrin aldehyde*	3.9	U		3.9	ug/Kg	06/29/04	ljc
	Technical Chlordane*	19	U		19	ug/Kg	06/29/04	ljc

* In Description = Dry Wgt.

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237194

Date: 07/01/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-10
Date Sampled.....: 06/10/2004
Time Sampled.....: 09:15
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-24
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	14.3			0.10	%	06/15/04	ae
EPA 160.3	% Solids	85.7			0.10	%	06/15/04	ae
SW846 8082	PCB Analysis							
	Aroclor 1016*	19	U		19	ug/Kg	06/27/04	ljc
	Aroclor 1221*	19	U		19	ug/Kg	06/27/04	ljc
	Aroclor 1232*	19	U		19	ug/Kg	06/27/04	ljc
	Aroclor 1242*	19	U		19	ug/Kg	06/27/04	ljc
	Aroclor 1248*	19	U		19	ug/Kg	06/27/04	ljc
	Aroclor 1254*	38	U		38	ug/Kg	06/27/04	ljc
	Aroclor 1260*	38	U		38	ug/Kg	06/27/04	ljc

* In Description = Dry Wgt.

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315 Fullerton Avenue
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Fax (845) 562-0841

Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-1
 Date Sampled.....: 06/09/2004
 Time Sampled.....: 10:15
 Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-1
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 270.2	Selenium (Se)	1.4	B	S	1.3	5.0	1	ug/L		06/22/04	mwh
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		06/27/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	3.4	B		2.7	10.0	1	ug/L		06/23/04	mwh
	Barium (Ba)	151	B		0.40	200	1	ug/L		06/23/04	mwh
	Beryllium (Be)	0.40	U		0.40	5.0	1	ug/L		06/23/04	mwh
	Cadmium (Cd)	0.40	U		0.40	5.0	1	ug/L		06/23/04	mwh
	Chromium (Cr)	9.5	B		0.70	10.0	1	ug/L		06/23/04	mwh
	Cobalt (Co)	3.6	B		3.2	50.0	1	ug/L		06/23/04	mwh
	Copper (Cu)	17.6	B		3.3	25.0	1	ug/L		06/23/04	mwh
	Iron (Fe)	4460	B		18.9	100	1	ug/L		06/23/04	mwh
	Lead (Pb)	22.8			2.5	5.0	1	ug/L		06/23/04	mwh
	Nickel (Ni)	9.1	B		2.6	40.0	1	ug/L		06/23/04	mwh
	Silver (Ag)	1.9	U	N J	1.9	10.0	1	ug/L		06/23/04	mwh
	Vanadium (V)	4.5	B		3.3	50.0	1	ug/L		06/23/04	mwh
	Zinc (Zn)	76.4			1.9	20.0	1	ug/L		06/23/04	mwh

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: InteGryted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-1
Date Sampled.....: 06/09/2004
Time Sampled.....: 10:15
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-1
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	06/16/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0100	U		0.0100	mg/L	06/16/04	jpp

* In Description = Dry Wgt.

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Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-2
 Date Sampled.....: 06/09/2004
 Time Sampled.....: 11:45
 Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-2
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RE	DILUTION	UNITS	DT	DATE	TECH
EPA 270.2	Selenium (Se)	1.8	B	W	1.3	5.0	1	ug/L		06/21/04	mwh
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		06/27/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	2.7	U		2.7	10.0	1	ug/L		06/23/04	mwh
	Barium (Ba)	142	B		0.40	200	1	ug/L		06/23/04	mwh
	Beryllium (Be)	0.40	U		0.40	5.0	1	ug/L		06/23/04	mwh
	Cadmium (Cd)	1.1	B		0.40	5.0	1	ug/L		06/23/04	mwh
	Chromium (Cr)	18.8			0.70	10.0	1	ug/L		06/23/04	mwh
	Cobalt (Co)	3.2	U		3.2	50.0	1	ug/L		06/23/04	mwh
	Copper (Cu)	34.1			3.3	25.0	1	ug/L		06/23/04	mwh
	Iron (Fe)	5700			18.9	100	1	ug/L		06/23/04	mwh
	Lead (Pb)	38.8			2.5	5.0	1	ug/L		06/23/04	mwh
	Nickel (Ni)	11.6	B		2.6	40.0	1	ug/L		06/23/04	mwh
	Silver (Ag)	1.9	U	NJ	1.9	10.0	1	ug/L		06/23/04	mwh
	Vanadium (V)	7.0	B		3.3	50.0	1	ug/L		06/23/04	mwh
	Zinc (Zn)	137			1.9	20.0	1	ug/L		06/23/04	mwh

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-2
Date Sampled.....: 06/09/2004
Time Sampled.....: 11:45
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-2
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	06/16/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0100	U		0.0100	mg/L	06/16/04	jpp

* In Description = Dry Wgt.

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Fax (845) 562-0841

Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-3
 Date Sampled.....: 06/09/2004
 Time Sampled.....: 14:45
 Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-3
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 270.2	Selenium (Se)	1.3	U		1.3	5.0	1	ug/L		06/21/04	mwh
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		06/27/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	2.7	U		2.7	10.0	1	ug/L		06/23/04	mwh
	Barium (Ba)	106	B		0.40	200	1	ug/L		06/23/04	mwh
	Beryllium (Be)	0.40	U		0.40	5.0	1	ug/L		06/23/04	mwh
	Cadmium (Cd)	0.40	U		0.40	5.0	1	ug/L		06/23/04	mwh
	Chromium (Cr)	2.8	B		0.70	10.0	1	ug/L		06/23/04	mwh
	Cobalt (Co)	3.2	U		3.2	50.0	1	ug/L		06/23/04	mwh
	Copper (Cu)	6.1	B		3.3	25.0	1	ug/L		06/23/04	mwh
	Iron (Fe)	994			18.9	100	1	ug/L		06/23/04	mwh
	Lead (Pb)	11.3			2.5	5.0	1	ug/L		06/23/04	mwh
	Nickel (Ni)	4.3	B		2.6	40.0	1	ug/L		06/23/04	mwh
	Silver (Ag)	1.9	U	NJ	1.9	10.0	1	ug/L		06/23/04	mwh
	Vanadium (V)	3.3	U		3.3	50.0	1	ug/L		06/23/04	mwh
	Zinc (Zn)	12.8	B		1.9	20.0	1	ug/L		06/23/04	mwh

* In Description = Dry Wgt.

Date: 06/29/2004

ATTN: Mark Schumacher

Laboratory Sample ID: 237194-3
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	06/16/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0100	U		0.0100	mg/L	06/16/04	jpp

* In Description = Dry Wgt.

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Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-4
 Date Sampled.....: 06/09/2004
 Time Sampled.....: 15:37
 Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-4
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 270.2	Selenium (Se)	1.3	B	W	1.3	5.0	1	ug/L		06/21/04	mwh
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		06/27/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	4.7	B		2.7	10.0	1	ug/L		06/23/04	mwh
	Barium (Ba)	174	B		0.40	200	1	ug/L		06/23/04	mwh
	Beryllium (Be)	0.40	U		0.40	5.0	1	ug/L		06/23/04	mwh
	Cadmium (Cd)	1.0	B		0.40	5.0	1	ug/L		06/23/04	mwh
	Chromium (Cr)	30.4			0.70	10.0	1	ug/L		06/23/04	mwh
	Cobalt (Co)	4.6	B		3.2	50.0	1	ug/L		06/23/04	mwh
	Copper (Cu)	60.2			3.3	25.0	1	ug/L		06/23/04	mwh
	Iron (Fe)	11100			18.9	100	1	ug/L		06/23/04	mwh
	Lead (Pb)	84.2			2.5	5.0	1	ug/L		06/23/04	mwh
	Nickel (Ni)	26.1	B		2.6	40.0	1	ug/L		06/23/04	mwh
	Silver (Ag)	1.9	U	NJ	1.9	10.0	1	ug/L		06/23/04	mwh
	Vanadium (V)	13.1	B		3.3	50.0	1	ug/L		06/23/04	mwh
	Zinc (Zn)	298			1.9	20.0	1	ug/L		06/23/04	mwh

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-4
Date Sampled.....: 06/09/2004
Time Sampled.....: 15:37
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-4
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	06/16/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0100	U		0.0100	mg/L	06/16/04	jpp

* In Description = Dry Wgt.

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Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-5
 Date Sampled.....: 06/09/2004
 Time Sampled.....: 14:45
 Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-5
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 270.2	Selenium (Se)	1.3	U		1.3	5.0	1	ug/L		06/21/04	mwh
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		06/27/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	2.7	U		2.7	10.0	1	ug/L		06/23/04	mwh
	Barium (Ba)	106	B		0.40	200	1	ug/L		06/23/04	mwh
	Beryllium (Be)	0.40	U		0.40	5.0	1	ug/L		06/23/04	mwh
	Cadmium (Cd)	0.40	U		0.40	5.0	1	ug/L		06/23/04	mwh
	Chromium (Cr)	2.2	B		0.70	10.0	1	ug/L		06/23/04	mwh
	Cobalt (Co)	3.2	U		3.2	50.0	1	ug/L		06/23/04	mwh
	Copper (Cu)	6.2	B		3.3	25.0	1	ug/L		06/23/04	mwh
	Iron (Fe)	958			18.9	100	1	ug/L		06/23/04	mwh
	Lead (Pb)	11.9			2.5	5.0	1	ug/L		06/23/04	mwh
	Nickel (Ni)	4.3	B		2.6	40.0	1	ug/L		06/23/04	mwh
	Silver (Ag)	1.9	U	NJ	1.9	10.0	1	ug/L		06/23/04	mwh
	Vanadium (V)	3.3	U		3.3	50.0	1	ug/L		06/23/04	mwh
	Zinc (Zn)	12.1	B		1.9	20.0	1	ug/L		06/23/04	mwh

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: InteGryted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SW-5
Date Sampled.....: 06/09/2004
Time Sampled.....: 14:45
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-5
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	06/16/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0100	U		0.0100	mg/L	06/16/04	jpp

* In Description = Dry Wgt.

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Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 031002SP

ATTN: Mark Schumacher

Customer Sample ID: L-1
 Date Sampled.....: 06/09/2004
 Time Sampled.....: 13:00
 Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-6
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 270.2	Selenium (Se)	1.3	U		1.3	5.0	1	ug/L		06/21/04	mwh
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		06/27/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	14.4			2.7	10.0	1	ug/L		06/23/04	mwh
	Barium (Ba)	739			0.40	200	1	ug/L		06/23/04	mwh
	Beryllium (Be)	0.40	U		0.40	5.0	1	ug/L		06/23/04	mwh
	Cadmium (Cd)	50.6			0.40	5.0	1	ug/L		06/23/04	mwh
	Chromium (Cr)	15.8			0.70	10.0	1	ug/L		06/23/04	mwh
	Cobalt (Co)	7.0	B		3.2	50.0	1	ug/L		06/23/04	mwh
	Copper (Cu)	63.0			3.3	25.0	1	ug/L		06/23/04	mwh
	Iron (Fe)	78200			18.9	100	1	ug/L		06/23/04	mwh
	Lead (Pb)	51.6			2.5	5.0	1	ug/L		06/23/04	mwh
	Nickel (Ni)	15.7	B		2.6	40.0	1	ug/L		06/23/04	mwh
	Silver (Ag)	1.9	U	NJ	1.9	10.0	1	ug/L		06/23/04	mwh
	Vanadium (V)	4.8	B		3.3	50.0	1	ug/L		06/23/04	mwh
	Zinc (Zn)	1360			1.9	20.0	1	ug/L		06/23/04	mwh

* In Description = Dry Wgt.

Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-1
 Date Sampled.....: 06/09/2004
 Time Sampled.....: 11:20
 Sample Matrix.....: Soil

Laboratory Sample ID: 237194-7
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	1.2	B		0.43	1.6	1	mg/Kg		06/21/04	mwh
SW846 7471A	Mercury (Hg)*	0.24			0.077	0.077	1	mg/Kg		06/18/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	6.1			0.63	3.3	1	mg/Kg		06/22/04	mwh
	Barium (Ba)*	114			0.13	65.8	1	mg/Kg		06/22/04	mwh
	Beryllium (Be)*	0.48	B		0.099	1.6	1	mg/Kg		06/22/04	mwh
	Cadmium (Cd)*	17.4			0.13	1.6	1	mg/Kg		06/22/04	mwh
	Chromium (Cr)*	106			0.20	3.3	1	mg/Kg		06/22/04	mwh
	Cobalt (Co)*	7.4	B		0.82	16.5	1	mg/Kg		06/22/04	mwh
	Copper (Cu)*	116			0.53	8.2	1	mg/Kg		06/22/04	mwh
	Iron (Fe)*	17900			5.5	32.9	1	mg/Kg		06/22/04	mwh
	Lead (Pb)*	87.7			0.36	1.6	1	mg/Kg		06/22/04	mwh
	Nickel (Ni)*	31.8			0.56	13.2	1	mg/Kg		06/22/04	mwh
	Silver (Ag)*	4.1		N J	0.72	3.3	1	mg/Kg		06/22/04	mwh
	Vanadium (V)*	16.5			0.76	16.5	1	mg/Kg		06/22/04	mwh
	Zinc (Zn)*	433		E J	1.3	6.6	1	mg/Kg		06/22/04	mwh

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-1
Date Sampled.....: 06/09/2004
Time Sampled.....: 11:20
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-7
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	38.0			0.10	%	06/15/04	ae
EPA 160.3	% Solids	62.0			0.10	%	06/15/04	ae
SW846 9010B	Cyanide, Total*	1.6	U	N J	1.6	mg/Kg	06/21/04	bg

* In Description = Dry Wgt.

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PA 68-378

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-2
 Date Sampled.....: 06/09/2004
 Time Sampled.....: 10:30
 Sample Matrix.....: Soil

Laboratory Sample ID: 237194-8
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.34	U		0.34	1.3	1	mg/Kg		06/21/04	mwh
SW846 7471A	Mercury (Hg)*	0.093			0.067	0.067	1	mg/Kg		06/18/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	2.7	B		0.53	2.8	1	mg/Kg		06/22/04	mwh
	Barium (Ba)*	105			0.11	56.0	1	mg/Kg		06/22/04	mwh
	Beryllium (Be)*	0.41	B		0.084	1.4	1	mg/Kg		06/22/04	mwh
	Cadmium (Cd)*	0.11	U		0.11	1.4	1	mg/Kg		06/22/04	mwh
	Chromium (Cr)*	16.7			0.17	2.8	1	mg/Kg		06/22/04	mwh
	Cobalt (Co)*	10.8	B		0.70	14.0	1	mg/Kg		06/22/04	mwh
	Copper (Cu)*	27.9			0.45	7.0	1	mg/Kg		06/22/04	mwh
	Iron (Fe)*	18500			4.7	28.0	1	mg/Kg		06/22/04	mwh
	Lead (Pb)*	82.2			0.31	1.4	1	mg/Kg		06/22/04	mwh
	Nickel (Ni)*	24.7			0.48	11.2	1	mg/Kg		06/22/04	mwh
	Silver (Ag)*	0.62	U	N J	0.62	2.8	1	mg/Kg		06/22/04	mwh
	Vanadium (V)*	16.7			0.64	14.0	1	mg/Kg		06/22/04	mwh
	Zinc (Zn)*	108		E J	1.1	5.6	1	mg/Kg		06/22/04	mwh

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: InteGryted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-2
Date Sampled.....: 06/09/2004
Time Sampled.....: 10:30
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-8
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	25.5			0.10	%	06/15/04	ae
EPA 160.3	% Solids	74.5			0.10	%	06/15/04	ae
SW846 9010B	Cyanide, Total*	1.3	U	N J	1.3	mg/Kg	06/21/04	bg

* In Description = Dry Wgt.

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Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-3
 Date Sampled.....: 06/09/2004
 Time Sampled.....: 10:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 237194-9
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.36	U	W	0.36	1.4	1	mg/Kg		06/21/04	mwh
SW846 7471A	Mercury (Hg)*	0.12			0.068	0.068	1	mg/Kg		06/29/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	8.0			0.54	2.8	1	mg/Kg		06/22/04	mad
	Barium (Ba)*	141			0.11	57.0	1	mg/Kg		06/22/04	mad
	Beryllium (Be)*	0.48	B		0.085	1.4	1	mg/Kg		06/22/04	mad
	Cadmium (Cd)*	6.3		*	0.11	1.4	1	mg/Kg		06/22/04	mad
	Chromium (Cr)*	35.5			0.17	2.8	1	mg/Kg		06/22/04	mad
	Cobalt (Co)*	12.9	B		0.71	14.2	1	mg/Kg		06/22/04	mad
	Copper (Cu)*	63.3			0.46	7.1	1	mg/Kg		06/22/04	mad
	Iron (Fe)*	25300			4.8	28.5	1	mg/Kg		06/22/04	mad
	Lead (Pb)*	37.6		*	0.31	1.4	1	mg/Kg		06/22/04	mad
	Nickel (Ni)*	41.0			0.48	11.4	1	mg/Kg		06/22/04	mad
	Silver (Ag)*	1.4	B	N J	0.63	2.8	1	mg/Kg		06/22/04	mad
	Vanadium (V)*	19.9			0.66	14.2	1	mg/Kg		06/22/04	mad
	Zinc (Zn)*	187		N* J	1.1	5.7	1	mg/Kg		06/22/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-3
Date Sampled.....: 06/09/2004
Time Sampled.....: 10:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-9
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	29.8			0.10	%	06/17/04	ae
EPA 160.3	% Solids	70.2			0.10	%	06/17/04	ae
SW846 9010B	Cyanide, Total*	1.4	U	J	1.4	mg/Kg	06/28/04	bg

* In Description = Dry Wgt.

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Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-4
 Date Sampled.....: 06/09/2004
 Time Sampled.....: 13:05
 Sample Matrix.....: Soil

Laboratory Sample ID: 237194-10
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.79	B	J	0.67	2.6	1	mg/Kg		06/21/04	mwh
SW846 7471A	Mercury (Hg)*	0.40		J	0.13	0.13	1	mg/Kg		06/18/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	5.1			0.90	4.7	1	mg/Kg		06/22/04	mwh
	Barium (Ba)*	424			0.19	94.3	1	mg/Kg		06/22/04	mwh
	Beryllium (Be)*	0.56	B		0.14	2.4	1	mg/Kg		06/22/04	mwh
	Cadmium (Cd)*	33.6			0.19	2.4	1	mg/Kg		06/22/04	mwh
	Chromium (Cr)*	83.6			0.28	4.7	1	mg/Kg		06/22/04	mwh
	Cobalt (Co)*	9.6	B		1.2	23.6	1	mg/Kg		06/22/04	mwh
	Copper (Cu)*	217			0.75	11.8	1	mg/Kg		06/22/04	mwh
	Iron (Fe)*	37400			7.9	47.2	1	mg/Kg		06/22/04	mwh
	Lead (Pb)*	294			0.52	2.4	1	mg/Kg		06/22/04	mwh
	Nickel (Ni)*	37.2			0.80	18.9	1	mg/Kg		06/22/04	mwh
	Silver (Ag)*	2.6	B	N J	1.0	4.7	1	mg/Kg		06/22/04	mwh
	Vanadium (V)*	37.5			1.1	23.6	1	mg/Kg		06/22/04	mwh
	Zinc (Zn)*	1670		EJ	1.8	9.4	1	mg/Kg		06/22/04	mwh

* In Description = Dry Wgt.

Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/29/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-4
Date Sampled.....: 06/09/2004
Time Sampled.....: 13:05
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-10
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	61.4			0.10	%	06/15/04	ae
EPA 160.3	% Solids	38.6			0.10	%	06/15/04	ae
SW846 9010B	Cyanide, Total*	7.8		NS	2.6	mg/Kg	06/21/04	bg

* In Description = Dry Wgt.

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Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-5
 Date Sampled.....: 06/09/2004
 Time Sampled.....: 13:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 237194-11
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.63	B		0.31	1.2	1	mg/Kg		06/21/04	mwh
SW846 7471A	Mercury (Hg)*	0.26			0.057	0.057	1	mg/Kg		06/18/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	2.6	B		0.49	2.6	1	mg/Kg		06/22/04	mwh
	Barium (Ba)*	99.6			0.10	51.8	1	mg/Kg		06/22/04	mwh
	Beryllium (Be)*	0.55	B		0.078	1.3	1	mg/Kg		06/22/04	mwh
	Cadmium (Cd)*	173			0.10	1.3	1	mg/Kg		06/22/04	mwh
	Chromium (Cr)*	196			0.16	2.6	1	mg/Kg		06/22/04	mwh
	Cobalt (Co)*	3.8	B		0.65	13.0	1	mg/Kg		06/22/04	mwh
	Copper (Cu)*	440			0.41	6.5	1	mg/Kg		06/22/04	mwh
	Iron (Fe)*	21200			4.4	25.9	1	mg/Kg		06/22/04	mwh
	Lead (Pb)*	96.5			0.29	1.3	1	mg/Kg		06/22/04	mwh
	Nickel (Ni)*	19.7			0.44	10.4	1	mg/Kg		06/22/04	mwh
	Silver (Ag)*	1.6	B	N J	0.57	2.6	1	mg/Kg		06/22/04	mwh
	Vanadium (V)*	11.6	B		0.60	13.0	1	mg/Kg		06/22/04	mwh
	Zinc (Zn)*	1820		E J	1.0	5.2	1	mg/Kg		06/22/04	mwh

* In Description = Dry Wgt.

Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/29/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-5
Date Sampled.....: 06/09/2004
Time Sampled.....: 13:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-11
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	19.6			0.10	%	06/15/04	ae
EPA 160.3	% Solids	80.4			0.10	%	06/15/04	ae
SW846 9010B	Cyanide, Total*	49.0		N J	2.5	mg/Kg	06/21/04	bg

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
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Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-1
 Date Sampled.....: 06/09/2004
 Time Sampled.....: 10:15
 Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-12
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.56	U	J	0.56	2.1	1	mg/Kg		06/21/04	mwh
SW846 7471A	Mercury (Hg)*	0.19		J	0.096	0.096	1	mg/Kg		06/18/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	3.7	B	H	0.73	3.8	1	mg/Kg		06/22/04	mwh
	Barium (Ba)*	107		H	0.15	76.5	1	mg/Kg		06/22/04	mwh
	Beryllium (Be)*	0.31	B	H	0.11	1.9	1	mg/Kg		06/22/04	mwh
	Cadmium (Cd)*	5.2		H	0.15	1.9	1	mg/Kg		06/22/04	mwh
	Chromium (Cr)*	74.2		H	0.23	3.8	1	mg/Kg		06/22/04	mwh
	Cobalt (Co)*	7.5	B	H	0.96	19.1	1	mg/Kg		06/22/04	mwh
	Copper (Cu)*	102		H	0.61	9.6	1	mg/Kg		06/22/04	mwh
	Iron (Fe)*	16400		H	6.4	38.3	1	mg/Kg		06/22/04	mwh
	Lead (Pb)*	80.0		H	0.42	1.9	1	mg/Kg		06/22/04	mwh
	Nickel (Ni)*	33.5		H	0.65	15.3	1	mg/Kg		06/22/04	mwh
	Silver (Ag)*	2.6	B	N J	0.84	3.8	1	mg/Kg		06/22/04	mwh
	Vanadium (V)*	16.6	B	H	0.88	19.1	1	mg/Kg		06/22/04	mwh
	Zinc (Zn)*	358		E J	1.5	7.7	1	mg/Kg		06/22/04	mwh

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-1
Date Sampled.....: 06/09/2004
Time Sampled.....: 10:15
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-12
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	52.5			0.10	%	06/15/04	ae
EPA 160.3	% Solids	47.5			0.10	%	06/15/04	ae
SW846 9010B	Cyanide, Total*	2.1	U	NJ	2.1	mg/Kg	06/21/04	bg

* In Description = Dry Wgt.

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Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-2
 Date Sampled.....: 06/09/2004
 Time Sampled.....: 11:45
 Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-13
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.65	U	J	0.65	2.5	1	mg/Kg		06/21/04	mwh
SW846 7471A	Mercury (Hg)*	0.11	U	J	0.11	0.11	1	mg/Kg		06/18/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	5.0			0.88	4.6	1	mg/Kg		06/22/04	mwh
	Barium (Ba)*	89.9	B		0.18	92.3	1	mg/Kg		06/22/04	mwh
	Beryllium (Be)*	0.31	B		0.14	2.3	1	mg/Kg		06/22/04	mwh
	Cadmium (Cd)*	2.8			0.18	2.3	1	mg/Kg		06/22/04	mwh
	Chromium (Cr)*	78.3			0.28	4.6	1	mg/Kg		06/22/04	mwh
	Cobalt (Co)*	7.8	B		1.2	23.1	1	mg/Kg		06/22/04	mwh
	Copper (Cu)*	105			0.74	11.5	1	mg/Kg		06/22/04	mwh
	Iron (Fe)*	14600			7.8	46.2	1	mg/Kg		06/22/04	mwh
	Lead (Pb)*	80.3			0.51	2.3	1	mg/Kg		06/22/04	mwh
	Nickel (Ni)*	37.7			0.78	18.5	1	mg/Kg		06/22/04	mwh
	Silver (Ag)*	2.4	B		1.0	4.6	1	mg/Kg		06/22/04	mwh
	Vanadium (V)*	18.0	B		1.1	23.1	1	mg/Kg		06/22/04	mwh
	Zinc (Zn)*	363			1.8	9.2	1	mg/Kg		06/22/04	mwh

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-2
Date Sampled.....: 06/09/2004
Time Sampled.....: 11:45
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-13
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	57.5			0.10	%	06/15/04	ae
EPA 160.3	% Solids	42.5			0.10	%	06/15/04	ae
SW846 9010B	Cyanide, Total*	2.1	U	J	2.1	mg/Kg	06/22/04	bg

* In Description = Dry Wgt.

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Fax (845) 562-0841

Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-3
 Date Sampled.....: 06/09/2004
 Time Sampled.....: 14:45
 Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-14
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.57	U	WJ	0.57	2.2	1	mg/Kg		06/21/04	mwh
SW846 7471A	Mercury (Hg)*	0.10	U	J	0.10	0.10	1	mg/Kg		06/29/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	4.1	B	J	0.87	4.6	1	mg/Kg		06/22/04	mad
	Barium (Ba)*	119			0.18	91.7	1	mg/Kg		06/22/04	mad
	Beryllium (Be)*	0.42	B	J	0.14	2.3	1	mg/Kg		06/22/04	mad
	Cadmium (Cd)*	5.7		*J	0.18	2.3	1	mg/Kg		06/22/04	mad
	Chromium (Cr)*	97.9			0.27	4.6	1	mg/Kg		06/22/04	mad
	Cobalt (Co)*	8.8	B	J	1.1	22.9	1	mg/Kg		06/22/04	mad
	Copper (Cu)*	120			0.73	11.5	1	mg/Kg		06/22/04	mad
	Iron (Fe)*	18800			7.7	45.8	1	mg/Kg		06/22/04	mad
	Lead (Pb)*	171		*J	0.50	2.3	1	mg/Kg		06/22/04	mad
	Nickel (Ni)*	45.7		J	0.78	18.3	1	mg/Kg		06/22/04	mad
	Silver (Ag)*	3.0	B	NJ	1.0	4.6	1	mg/Kg		06/22/04	mad
	Vanadium (V)*	20.4	B	J	1.1	22.9	1	mg/Kg		06/22/04	mad
	Zinc (Zn)*	333		N*J	1.8	9.2	1	mg/Kg		06/22/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-3
Date Sampled.....: 06/09/2004
Time Sampled.....: 14:45
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-14
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	53.6			0.10	%	06/17/04	ae
EPA 160.3	% Solids	46.4			0.10	%	06/17/04	ae
SW846 9010B	Cyanide, Total*	2.0	U	J	2.0	mg/Kg	06/22/04	bg

* In Description = Dry Wgt.

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STL Newburgh
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Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-4
 Date Sampled.....: 06/09/2004
 Time Sampled.....: 15:30
 Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-15
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.51	U		0.51	2.0	1	mg/Kg		06/21/04	mwh
SW846 7471A	Mercury (Hg)*	0.097			0.086	0.086	1	mg/Kg		06/18/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	1.9	B		0.65	3.4	1	mg/Kg		06/22/04	mwh
	Barium (Ba)*	82.9			0.14	68.9	1	mg/Kg		06/22/04	mwh
	Beryllium (Be)*	0.29	B		0.10	1.7	1	mg/Kg		06/22/04	mwh
	Cadmium (Cd)*	0.66	B	J	0.14	1.7	1	mg/Kg		06/22/04	mwh
	Chromium (Cr)*	49.3			0.21	3.4	1	mg/Kg		06/22/04	mwh
	Cobalt (Co)*	6.7	B		0.86	17.2	1	mg/Kg		06/22/04	mwh
	Copper (Cu)*	89.1			0.55	8.6	1	mg/Kg		06/22/04	mwh
	Iron (Fe)*	13900			5.8	34.5	1	mg/Kg		06/22/04	mwh
	Lead (Pb)*	80.1			0.38	1.7	1	mg/Kg		06/22/04	mwh
	Nickel (Ni)*	26.7			0.59	13.8	1	mg/Kg		06/22/04	mwh
	Silver (Ag)*	2.4	B	N J	0.76	3.4	1	mg/Kg		06/22/04	mwh
	Vanadium (V)*	15.1	B		0.79	17.2	1	mg/Kg		06/22/04	mwh
	Zinc (Zn)*	274		E J	1.3	6.9	1	mg/Kg		06/22/04	mwh

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Customer Sample ID: SED-4
Date Sampled.....: 06/09/2004
Time Sampled.....: 15:30
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-15
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	47.2			0.10	%	06/15/04	ae
EPA 160.3	% Solids	52.8			0.10	%	06/15/04	ae
SW846 9010B	Cyanide, Total*	1.9	U		1.9	mg/Kg	06/22/04	bg

* In Description = Dry Wgt.

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Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-5
 Date Sampled.....: 06/09/2004
 Time Sampled.....: 14:45
 Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-16
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.57	U	J	0.57	2.2	1	mg/Kg		06/21/04	mwh
SW846 7471A	Mercury (Hg)*	0.15		J	0.11	0.11	1	mg/Kg		06/18/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	3.8	B	J	0.79	4.2	1	mg/Kg		06/22/04	mwh
	Barium (Ba)*	99.5		J	0.17	83.2	1	mg/Kg		06/22/04	mwh
	Beryllium (Be)*	0.31	B	J	0.12	2.1	1	mg/Kg		06/22/04	mwh
	Cadmium (Cd)*	2.6		J	0.17	2.1	1	mg/Kg		06/22/04	mwh
	Chromium (Cr)*	72.8		J	0.25	4.2	1	mg/Kg		06/22/04	mwh
	Cobalt (Co)*	8.6	B	J	1.0	20.8	1	mg/Kg		06/22/04	mwh
	Copper (Cu)*	105		J	0.67	10.4	1	mg/Kg		06/22/04	mwh
	Iron (Fe)*	18600		J	7.0	41.6	1	mg/Kg		06/22/04	mwh
	Lead (Pb)*	127		J	0.46	2.1	1	mg/Kg		06/22/04	mwh
	Nickel (Ni)*	35.8		J	0.71	16.6	1	mg/Kg		06/22/04	mwh
	Silver (Ag)*	2.6	B	N J	0.92	4.2	1	mg/Kg		06/22/04	mwh
	Vanadium (V)*	19.1	B	J	0.96	20.8	1	mg/Kg		06/22/04	mwh
	Zinc (Zn)*	326		E J	1.6	8.3	1	mg/Kg		06/22/04	mwh

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Customer Sample ID: SED-5
Date Sampled.....: 06/09/2004
Time Sampled.....: 14:45
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-16
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	52.9			0.10	%	06/15/04	ae
EPA 160.3	% Solids	47.1			0.10	%	06/15/04	ae
SW846 9010B	Cyanide, Total*	2.1	U	3	2.1	mg/Kg	06/22/04	bg

* In Description = Dry Wgt.

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Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-6
 Date Sampled.....: 06/09/2004
 Time Sampled.....: 10:40
 Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-17
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	1.1	B	W	0.51	2.0	1	mg/Kg		06/21/04	mwh
SW846 7471A	Mercury (Hg)*	0.26			0.099	0.099	1	mg/Kg		06/30/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	9.0			0.71	3.8	1	mg/Kg		06/22/04	mad
	Barium (Ba)*	349			0.15	75.1	1	mg/Kg		06/22/04	mad
	Beryllium (Be)*	0.76	B		0.11	1.9	1	mg/Kg		06/22/04	mad
	Cadmium (Cd)*	21.1		*J	0.15	1.9	1	mg/Kg		06/22/04	mad
	Chromium (Cr)*	67.3			0.23	3.8	1	mg/Kg		06/22/04	mad
	Cobalt (Co)*	6.4	B		0.94	18.8	1	mg/Kg		06/22/04	mad
	Copper (Cu)*	99.1			0.60	9.4	1	mg/Kg		06/22/04	mad
	Iron (Fe)*	32400			6.3	37.5	1	mg/Kg		06/22/04	mad
	Lead (Pb)*	46.0		*	0.41	1.9	1	mg/Kg		06/22/04	mad
	Nickel (Ni)*	40.8			0.64	15.0	1	mg/Kg		06/22/04	mad
	Silver (Ag)*	2.9	B	N J	0.83	3.8	1	mg/Kg		06/22/04	mad
	Vanadium (V)*	20.2			0.86	18.8	1	mg/Kg		06/22/04	mad
	Zinc (Zn)*	405		N*J	1.5	7.5	1	mg/Kg		06/22/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SED-6
Date Sampled.....: 06/09/2004
Time Sampled.....: 10:40
Sample Matrix.....: Sediment

Laboratory Sample ID: 237194-17
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	49.7			0.10	%	06/17/04	ae
EPA 160.3	% Solids	50.3			0.10	%	06/17/04	ae
SW846 9010B	Cyanide, Total*	2.0	U		2.0	mg/Kg	06/22/04	bg

* In Description = Dry Wgt.

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Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: L-2
 Date Sampled.....: 06/10/2004
 Time Sampled.....: 08:00
 Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-19
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 270.2	Selenium (Se)	2.5	B	W	1.3	5.0	1	ug/L		06/21/04	mwh
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		06/27/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	3.2	B		2.7	10.0	1	ug/L		06/23/04	mwh
	Barium (Ba)	83.6	B		0.40	200	1	ug/L		06/23/04	mwh
	Beryllium (Be)	0.40	U		0.40	5.0	1	ug/L		06/23/04	mwh
	Cadmium (Cd)	0.40	U		0.40	5.0	1	ug/L		06/23/04	mwh
	Chromium (Cr)	0.70	U		0.70	10.0	1	ug/L		06/23/04	mwh
	Cobalt (Co)	3.2	U		3.2	50.0	1	ug/L		06/23/04	mwh
	Copper (Cu)	9.1	B		3.3	25.0	1	ug/L		06/23/04	mwh
	Iron (Fe)	14300			18.9	100	1	ug/L		06/23/04	mwh
	Lead (Pb)	9.2			2.5	5.0	1	ug/L		06/23/04	mwh
	Nickel (Ni)	5.3	B		2.6	40.0	1	ug/L		06/23/04	mwh
	Silver (Ag)	1.9	U	NJ	1.9	10.0	1	ug/L		06/23/04	mwh
	Vanadium (V)	3.3	U		3.3	50.0	1	ug/L		06/23/04	mwh
	Zinc (Zn)	39.2			1.9	20.0	1	ug/L		06/23/04	mwh

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: InteGryted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: L-2
Date Sampled.....: 06/10/2004
Time Sampled.....: 08:00
Sample Matrix.....: Surf. Water

Laboratory Sample ID: 237194-19
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	06/16/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0400			0.0100	mg/L	06/16/04	jpp

* In Description = Dry Wgt.

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STL Newburgh
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Tel (845) 562-0890
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Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER-0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-6
 Date Sampled.....: 06/10/2004
 Time Sampled.....: 08:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 237194-20
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.35	U	W	0.35	1.3	1	mg/Kg		06/21/04	mwh
SW846 7471A	Mercury (Hg)*	0.064	U		0.064	0.064	1	mg/Kg		06/30/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	0.92	B		0.53	2.8	1	mg/Kg		06/22/04	mad
	Barium (Ba)*	22.0	B		0.11	56.1	1	mg/Kg		06/22/04	mad
	Beryllium (Be)*	0.34	B		0.084	1.4	1	mg/Kg		06/22/04	mad
	Cadmium (Cd)*	0.11	U	*	0.11	1.4	1	mg/Kg		06/22/04	mad
	Chromium (Cr)*	8.6			0.17	2.8	1	mg/Kg		06/22/04	mad
	Cobalt (Co)*	2.1	B		0.70	14.0	1	mg/Kg		06/22/04	mad
	Copper (Cu)*	14.9			0.45	7.0	1	mg/Kg		06/22/04	mad
	Iron (Fe)*	8590			4.7	28.1	1	mg/Kg		06/22/04	mad
	Lead (Pb)*	9.4		*	0.31	1.4	1	mg/Kg		06/22/04	mad
	Nickel (Ni)*	13.5			0.48	11.2	1	mg/Kg		06/22/04	mad
	Silver (Ag)*	0.62	U	N J	0.62	2.8	1	mg/Kg		06/22/04	mad
	Vanadium (V)*	3.4	B		0.65	14.0	1	mg/Kg		06/22/04	mad
	Zinc (Zn)*	56.0		N* J	1.1	5.6	1	mg/Kg		06/22/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-6
Date Sampled.....: 06/10/2004
Time Sampled.....: 08:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-20
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	28.7			0.10	%	06/17/04	ae
EPA 160.3	% Solids	71.3			0.10	%	06/17/04	ae
SW846 9010B	Cyanide, Total*	1.5	U	J	1.5	mg/Kg	06/22/04	bg

* In Description = Dry Wgt.

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Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER-0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-7
 Date Sampled.....: 06/10/2004
 Time Sampled.....: 08:15
 Sample Matrix.....: Soil

Laboratory Sample ID: 237194-21
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.39	U		0.39	1.5	1	mg/Kg		06/21/04	mwh
SW846 7471A	Mercury (Hg)*	0.099			0.071	0.071	1	mg/Kg		06/18/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	1.3	B		0.52	2.8	1	mg/Kg		06/22/04	mwh
	Barium (Ba)*	43.1	B		0.11	55.1	1	mg/Kg		06/22/04	mwh
	Beryllium (Be)*	0.20	B		0.083	1.4	1	mg/Kg		06/22/04	mwh
	Cadmium (Cd)*	0.27	B		0.11	1.4	1	mg/Kg		06/22/04	mwh
	Chromium (Cr)*	13.9			0.17	2.8	1	mg/Kg		06/22/04	mwh
	Cobalt (Co)*	4.3	B		0.69	13.8	1	mg/Kg		06/22/04	mwh
	Copper (Cu)*	26.4			0.44	6.9	1	mg/Kg		06/22/04	mwh
	Iron (Fe)*	14000			4.6	27.5	1	mg/Kg		06/22/04	mwh
	Lead (Pb)*	39.1			0.30	1.4	1	mg/Kg		06/22/04	mwh
	Nickel (Ni)*	11.9			0.47	11.0	1	mg/Kg		06/22/04	mwh
	Silver (Ag)*	0.61	U	N J	0.61	2.8	1	mg/Kg		06/22/04	mwh
	Vanadium (V)*	7.8	B		0.63	13.8	1	mg/Kg		06/22/04	mwh
	Zinc (Zn)*	273		E J	1.1	5.5	1	mg/Kg		06/22/04	mwh

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-7
Date Sampled.....: 06/10/2004
Time Sampled.....: 08:15
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-21
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	32.8			0.10	%	06/15/04	ae
EPA 160.3	% Solids	67.2			0.10	%	06/15/04	ae
SW846 9010B	Cyanide, Total*	1.5	U	J	1.5	mg/Kg	06/22/04	bg

* In Description = Dry Wgt.

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Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 031002SP

ATTN: Mark Schumacher

Customer Sample ID: SS-8
 Date Sampled.....: 06/10/2004
 Time Sampled.....: 08:45
 Sample Matrix.....: Soil

Laboratory Sample ID: 237194-22
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.40	U		0.40	1.5	1	mg/Kg		06/21/04	mwh
SW846 7471A	Mercury (Hg)*	0.073	U		0.073	0.073	1	mg/Kg		06/18/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	3.4			0.56	2.9	1	mg/Kg		06/22/04	mwh
	Barium (Ba)*	63.7			0.12	58.5	1	mg/Kg		06/22/04	mwh
	Beryllium (Be)*	0.50	B		0.088	1.5	1	mg/Kg		06/22/04	mwh
	Cadmium (Cd)*	0.12	U		0.12	1.5	1	mg/Kg		06/22/04	mwh
	Chromium (Cr)*	21.8			0.18	2.9	1	mg/Kg		06/22/04	mwh
	Cobalt (Co)*	4.3	B		0.73	14.6	1	mg/Kg		06/22/04	mwh
	Copper (Cu)*	60.1			0.47	7.3	1	mg/Kg		06/22/04	mwh
	Iron (Fe)*	21400			4.9	29.2	1	mg/Kg		06/22/04	mwh
	Lead (Pb)*	55.6			0.32	1.5	1	mg/Kg		06/22/04	mwh
	Nickel (Ni)*	19.0			0.50	11.7	1	mg/Kg		06/22/04	mwh
	Silver (Ag)*	0.64	U	N J	0.64	2.9	1	mg/Kg		06/22/04	mwh
	Vanadium (V)*	9.2	B		0.67	14.6	1	mg/Kg		06/22/04	mwh
	Zinc (Zn)*	508		E J	1.1	5.8	1	mg/Kg		06/22/04	mwh

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-8
Date Sampled.....: 06/10/2004
Time Sampled.....: 08:45
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-22
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	31.6			0.10	%	06/15/04	ae
EPA 160.3	% Solids	68.4			0.10	%	06/15/04	ae
SW846 9010B	Cyanide, Total*	2.2		J	1.5	mg/Kg	06/22/04	bg

* In Description = Dry Wgt.

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NYSDOH 10142

NJDEP 73016

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-9
 Date Sampled.....: 06/10/2004
 Time Sampled.....: 09:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 237194-23
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.61	B	W	0.30	1.2	1	mg/Kg		06/21/04	mwh
SW846 7471A	Mercury (Hg)*	0.089			0.058	0.058	1	mg/Kg		06/18/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	12.4			0.46	2.4	1	mg/Kg		06/22/04	mwh
	Barium (Ba)*	90.7			0.097	48.5	1	mg/Kg		06/22/04	mwh
	Beryllium (Be)*	0.76	B		0.073	1.2	1	mg/Kg		06/22/04	mwh
	Cadmium (Cd)*	2.4			0.097	1.2	1	mg/Kg		06/22/04	mwh
	Chromium (Cr)*	21.8			0.15	2.4	1	mg/Kg		06/22/04	mwh
	Cobalt (Co)*	5.9	B		0.61	12.1	1	mg/Kg		06/22/04	mwh
	Copper (Cu)*	330			0.39	6.1	1	mg/Kg		06/22/04	mwh
	Iron (Fe)*	17100			4.1	24.2	1	mg/Kg		06/22/04	mwh
	Lead (Pb)*	165			0.27	1.2	1	mg/Kg		06/22/04	mwh
	Nickel (Ni)*	17.7			0.41	9.7	1	mg/Kg		06/22/04	mwh
	Silver (Ag)*	0.53	U	N J	0.53	2.4	1	mg/Kg		06/22/04	mwh
	Vanadium (V)*	15.9			0.56	12.1	1	mg/Kg		06/22/04	mwh
	Zinc (Zn)*	290		E J	0.95	4.8	1	mg/Kg		06/22/04	mwh

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-9
Date Sampled.....: 06/10/2004
Time Sampled.....: 09:00
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-23
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	14.1			0.10	%	06/15/04	ae
EPA 160.3	% Solids	85.9			0.10	%	06/15/04	ae
SW846 9010B	Cyanide, Total*	1.2	U	J	1.2	mg/Kg	06/22/04	bg

* In Description = Dry Wgt.

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237194

LABORATORY TEST RESULTS

Date: 06/30/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-10
 Date Sampled.....: 06/10/2004
 Time Sampled.....: 09:15
 Sample Matrix.....: Soil

Laboratory Sample ID: 237194-24
 Date Received.....: 06/11/2004
 Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7740	Selenium (Se)*	0.30	U		0.30	1.2	1	mg/Kg		06/21/04	mwh
SW846 7471A	Mercury (Hg)*	0.056	U		0.056	0.056	1	mg/Kg		06/18/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Arsenic (As)*	0.84	U		0.84	4.4	2.000	mg/Kg		06/23/04	mad
	Barium (Ba)*	91.9			0.18	88.1	2.000	mg/Kg		06/23/04	mad
	Beryllium (Be)*	0.51	B		0.13	2.2	2.000	mg/Kg		06/23/04	mad
	Cadmium (Cd)*	0.18	U		0.18	2.2	2.000	mg/Kg		06/23/04	mad
	Chromium (Cr)*	175			0.26	4.4	2.000	mg/Kg		06/23/04	mad
	Cobalt (Co)*	7.5	B		1.1	22.0	2.000	mg/Kg		06/23/04	mad
	Copper (Cu)*	117			0.70	11.0	2.000	mg/Kg		06/23/04	mad
	Iron (Fe)*	60500			7.4	44.1	2.000	mg/Kg		06/23/04	mad
	Lead (Pb)*	48.7			0.48	2.2	2.000	mg/Kg		06/23/04	mad
	Nickel (Ni)*	91.2			0.75	17.6	2.000	mg/Kg		06/23/04	mad
	Silver (Ag)*	0.97	U	J	0.97	4.4	2.000	mg/Kg		06/23/04	mad
	Vanadium (V)*	19.6	B		1.0	22.0	2.000	mg/Kg		06/23/04	mad
	Zinc (Zn)*	647		J	1.7	8.8	2.000	mg/Kg		06/23/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 237194

Date: 06/29/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: SS-10
Date Sampled.....: 06/10/2004
Time Sampled.....: 09:15
Sample Matrix.....: Soil

Laboratory Sample ID: 237194-24
Date Received.....: 06/11/2004
Time Received.....: 14:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	14.3			0.10	%	06/15/04	ae
EPA 160.3	% Solids	85.7			0.10	%	06/15/04	ae
SW846 9010B	Cyanide, Total*	1.2	U	J	1.2	mg/Kg	06/22/04	bg

* In Description = Dry Wgt.

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NYSDOH 10142

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M-NY049

STL Newburgh
315 Fullerton Avenue
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Tel (845) 562-0890
Fax (845) 562-0841

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 (BFB) #	TOT OUT
01	VLK428	99	99	94	0
02	SW-1	102	101	90	0
03	SW-2	97	99	91	0
04	VLK429	98	97	91	0
05	SW-3	99	101	93	0
06	SW-4	98	98	94	0
07	SW-5	99	99	90	0
08	L-1	96	96	88	0
09	TRIP	97	97	96	0
10	L-2	99	97	92	0
11	VBSPK23	99	98	95	0
12	SW-3MS	99	100	97	0
13	SW-3MSD	99	98	94	0

QC LIMITS

SMC1 (DCE)	=	1,2-Dichloroethane-d4	(71-136)
SMC2 (TOL)	=	Toluene-d8	(79-109)
SMC3 (BFB)	=	Bromofluorobenzene	(71-136)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D System Monitoring Compound diluted out

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 (BFB) #	TOT OUT
01	VBLK088A	90	110	94	0
02	SED-1	96	116	103	0
03	SED-2	87	143	109	0
04	SED-3	93	114	93	0
05	SS-4	93	126	75	0
06	SED-4	92	112	83	0
07	SED-5	95	118	89	0
08	SS-6	94	129	74	0
09	VBLK089	98	107	104	0
10	SS-2	94	131	94	0
11	SS-5	102	160 *	73	1
12	VBLK090	89	114	107	0
13	SS-3	91	129	90	0
14	SED-6	104	108	82	0
15	SS-1	106	106	65	0
16	SS-5RE	102	139	61	0
17	SS-7	104	103	62	0
18	SS-8	109	106	62	0
19	SS-9	126	122	65	0
20	SED-3MS	98	99	87	0
21	SED-3MSD	96	102	86	0
22	VBSPK23	105	91	91	0
23	VBLK091	109	93	87	0
24	SS-9RE	126	108	60	0
25	SS-10	112	115	56	0
26	SS-10RE	94	147 *	74	1

QC LIMITS

SMC1 (DCE) = 1,2-Dichloroethane-d4 (80-136)
 SMC2 (TOL) = Toluene-d8 (72-143)
 SMC3 (BFB) = Bromofluorobenzene (49-138)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D System Monitoring Compound diluted out

WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

	EPA SAMPLE NO.	S1 (2FP) #	S2 (PHL) #	S3 (2CP) #	S4 (DCB) #	S5 (NBZ) #	S6 (FBP) #	S7 (TBP) #	S8 (TPH) #	TOT OUT
01	SBLK17	35	27	57	31	53	44	69	60	0
02	SBSPK17	41	30	65	38	59	50	73	63	0
03	SW-1	26	18	41	22	37	33	71	77	0
04	SW-2	28	22	41	20	36	28	74	77	0
05	SW-3	31	19	45	31	48	46	71	66	0
06	SW-4	30	19	41	25	43	38	71	69	0
07	SW-5	40	30	56	32	52	44	74	82	0
08	L-1	24	15	47	34	50	45	67	58	0
09	L-2	43	27	66	41	69	57	76	82	0
10	SW-3MS	37	25	54	32	53	49	68	78	0
11	SW-3MSD	44	26	62	40	66	55	80	81	0
12	L-2RE	42	24	60	40	66	52	83	86	0

QC LIMITS

S1 (2FP) = 2-Fluorophenol (2-47)
 S2 (PHL) = Phenol-d5 (5-37)
 S3 (2CP) = 2-Chlorophenol-d4 (11-93)
 S4 (DCB) = 1,2-Dichlorobenzene-d4 (10-90)
 S5 (NBZ) = Nitrobenzene-d5 (18-117)
 S6 (FBP) = 2-Fluorobiphenyl (17-113)
 S7 (TBP) = 2,4,6-Tribromophenol (17-122)
 S8 (TPH) = Terphenyl-d14 (18-130)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

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2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (2FP) #	S2 (PHL) #	S3 (2CP) #	S4 (DCB) #	S5 (NBZ) #	S6 (FBP) #	S7 (TBP) #	S8 (TPH) #	TOT OUT
01	SBLK22	56	57	57	45	51	70	59	81	0
02	SBSPK22	54	55	55	45	49	61	63	70	0
03	SS-1	31	31	32	20	26	34	38	45	0
04	SS-2	50	51	50	40	46	55	60	69	0
05	SS-3	32	32	32	25	29	34	43	48	0
06	SS-5	59	61	57	36	52	55	58	63	0
07	SED-6	28	30	29	16	25	33	40	48	0
08	SS-6	65	63	63	46	60	67	68	83	0
09	SS-7	50	49	49	36	45	52	61	74	0
10	SS-8	48	47	50	33	46	49	58	64	0
11	SS-10	43	45	44	28	38	47	54	78	0
12	SED-4	25	27	26	15	21	28	35	60	0
13	SED-5	27	28	28	16	22	32	35	49	0
14	SS-9	33	38	37	24	30	40	43	56	0
15	SED-1	65	63	63	47	57	67	71	97	0
16	SS-4	28	32	32	20	26	34	43	63	0
17	SED-2	60	57	60	42	51	57	55	97	0
18	SED-3	54	57	57	36	47	55	60	95	0
19	SED-3MS	56	55	55	37	47	52	58	92	0
20	SED-3MSD	55	57	54	38	46	84	72	85	0
21	SED-6RE	28	31	30	16	24	31	39	67	0
22	SS-6RE	64	64	64	47	58	65	70	112	0
23	SS-7RE	50	49	49	36	45	52	58	97	0
24	SS-8RE	53	52	52	33	46	50	55	89	0
25	SS-10RE	43	46	45	28	37	46	54	87	0
26	SED-4RE	26	26	26	15	21	26	37	74	0
27	SED-5RE	25	28	27	16	22	27	36	61	0
28	SS-9RE	41	43	42	27	33	43	47	88	0
29	SED-1RE	63	63	63	47	55	76	73	114	0
30	SS-4RE	32	35	33	20	26	33	41	75	0
31	SED-2DL	58 D	61 D	64 D	46 D	51 D	D	67 D	123 D	0

QC LIMITS

S1 (2FP)	=	2-Fluorophenol	(7-96)
S2 (PHL)	=	Phenol-d5	(7-96)
S3 (2CP)	=	2-Chlorophenol-d4	(4-102)
S4 (DCB)	=	1,2-Dichlorobenzene-d4	(6-66)
S5 (NBZ)	=	Nitrobenzene-d5	(6-73)
S6 (FBP)	=	2-Fluorobiphenyl	(10-85)
S7 (TBP)	=	2,4,6-Tribromophenol	(15-113)
S8 (TPH)	=	Terphenyl-d14	(15-137)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

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STL
Page 1 of 1

NYSDOH 10142

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Newburgh, NY 12550
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FORM II SV-2

8081

2E
WATER PESTICIDE SURROGATE RECOVERY

Lab Name: STL Newburgh

Contract:

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

GC Column (1) : Rtx-CLPest ID : 0.32 (mm)

GC Column (2) : Rtx-CLPest2 ID : 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
1	PBLK11	70	72	95	80			0
2	PBSPK11	140 *	135 *	142	137			2
3	SW-1	114	121 *	137	162 *			2
4	SW-2	73	76	115	88			0
5	SW-3	67	70	84	80			0
6	SW-3MS	119	124 *	141	128			1
7	SW-3MSD	115	119	122	113			0
8	SW-4	127 *	127 *	122	117			2
9	SW-5	118	130 *	121	112			1
10	L-1	71	78	95	88			0
11	L-2	90	76	78	70			0
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

ADVISORY
QC LIMITS
(38-120)
(28-146)

Column used to flag recovery values
* Values outside of QC limits.
D Surrogates Diluted out.

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3/90

SOLID PESTICIDE SURROGATE RECOVERY

Lab Name: STL Newburgh

Contract:

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

GC Column (1): Rtx-CLPest ID : 0.32 (mm)

GC Column (2): Rtx-CLPest2 ID : 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
1	PBLK18	103	117	116	123			0
2	PBSPK18	48	51	110	109			0
3	SS-1	80	80	249 *	162 *			2
4	SS-2	73	74	135 *	153 *			2
5	SS-3	74	87	96	126 *			1
6	SS-4	110	110	428 *	484 *			2
7	SS-5	50	68	98	159 *			1
8	SED-1	91	98	262 *	479 *			2
9	SED-2	103	129 *	257 *	580 *			3
10	SED-3	79	95	176 *	450 *			2
11	SED-4	66	77	168 *	391 *			2
12	SED-5	49	53	106	259 *			1
13	SED-6	64	68	133 *	245 *			2
14	SS-6	123 *	123 *	103	112			2
15	SS-7	56	65	125 *	183 *			2
16	SS-8	90	112	94	192 *			1
17	SS-9	88	102	300 *	374 *			2
18	SS-10	64	76	45	108			0
19	SED-3MS	80	134 *	230 *	523 *			3
20	SED-3MSD	86	93	173 *	499 *			2
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

ADVISORY

QC LIMITS

(32-121)

(30-125)

Column used to flag recovery values

* Values outside of QC limits.

D Surrogates Diluted out.

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3/90

2E 8000

WATER PESTICIDE SURROGATE RECOVERY

Lab Name: STL Newburgh

Contract:

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

GC Column (1) : Rtx-CLPest ID : 0.32 (mm)

GC Column (2) : Rtx-CLPest2 ID : 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
1	PBLK11	69	76	80	83			0
2	PBSPK11	97	98	102	108			0
3	SW-1	84	120	97	103			0
4	SW-2	72	75	88	90			0
5	SW-3	62	64	73	72			0
6	SW-3MS	90	87	84	87			0
7	SW-3MSD	101	100	82	90			0
8	SW-4	84	80	94	87			0
9	SW-5	78	72	95	91			0
10	L-1	61	64	78	63			0
11	L-2	64	83	64	57			0
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

ADVISORY
QC LIMITS
(38-120)
(28-146)

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

Column used to flag recovery values
* Values outside of QC limits.
D Surrogates Diluted out.

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3/90



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EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

8086

2F
SOLID PESTICIDE SURROGATE RECOVERY

Lab Name: STL Newburgh

Contract:

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

GC Column (1) : Rtx-CLPest ID : 0.32 (mm)

GC Column (2) : Rtx-CLPest2 ID : 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
1	PBLK18	96	88	88	83			0
2	PBSPK18	76	70	88	86			0
3	SS-1	65	62	219 *	100			1
4	SS-2	70	69	135 *	93			1
5	SS-3	77	91	91	85			0
6	SS-4	56	61	260 *	84			1
7	SS-5	44	54	117	80			0
8	SED-1	55	95	372 *	98			1
9	SED-2	66	145 *	311 *	84			2
10	SED-3	54	47	283 *	91			1
11	SED-3MS	35	35	184 *	56			1
12	SED-3MSD	51	118	209 *	71			1
13	SED-4	56	80	286 *	70			1
14	SED-5	51	54	260 *	72			1
15	SED-6	52	79	236 *	102			1
16	SS-6	52	35	69	61			0
17	SS-7	57	88	143 *	75			1
18	SS-8	58	62	77	74			0
19	SS-9	62	68	164 *	93			1
20	SS-10	37	43	70	51			0
21	SS-1DL	88	82	226 *	189 *			2
22	SED-1DL	78	62	313 *	166 *			2
23	SED-2DL	100	87	255 *	160 *			2
24	SED-3DL	50	140 *	241 *	142 *			3
25	SED-4DL	75	64	247 *	131 *			2
26	SED-5DL	74	80	226 *	131 *			2
27	SED-6DL	53	85	252 *	177 *			2
28								
29								
30								

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

ADVISORY
QC LIMITS
(32-121)
(30-125)

Column used to flag recovery values
* Values outside of QC limits.
D Surrogates Diluted out.

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3/90



NYSDOH 10142

NJDEP 73016

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
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Fax (845) 562-0841

3BS
WATER VOLATILE BLANK SPIKE RECOVERY

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____, SAS No.: _____ SDG No.: 237194
Matrix Spike - EPA Sample No. VBSPK23

COMPOUND	SPIKE ADDED (ug/L)	BS CONCENTRATION (ug/L)	BS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	49	98	73 - 133
Trichloroethene	50	51	102	74 - 127
Benzene	50	52	104	73 - 131
Toluene	50	50	100	81 - 123
Chlorobenzene	50	49	98	77 - 127

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS: _____

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FORM 10142-BS

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M-NY049

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3BS
SOIL VOLATILE BLANK SPIKE RECOVERY

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix Spike - EPA Sample No. VBSPK23 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	BS CONCENTRATION (ug/Kg)	BS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	48	96	69 - 119
Trichloroethene	50	55	110	64 - 136
Benzene	50	45	90	74 - 124
Toluene	50	45	90	76 - 124
Chlorobenzene	50	51	102	68 - 114

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS: _____

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NYSDOH 10142

NJDEP 73015

FORM JVQA-BS

EPA NY049

PA 68-378

M-NY049

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Fax (845) 562-0841

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh Contract: _____Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194Matrix Spike - EPA Sample No SW-3

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0	50	100	73 - 133
Trichloroethene	50	0	51	102	74 - 127
Benzene	50	0	50	100	73 - 131
Toluene	50	0	50	100	81 - 123
Chlorobenzene	50	0	50	100	77 - 127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
1,1-Dichloroethene	50	48	96	4	14	73 - 133
Trichloroethene	50	53	106	4	14	74 - 127
Benzene	50	53	106	6	11	73 - 131
Toluene	50	51	102	2	13	81 - 123
Chlorobenzene	50	50	100	0	13	77 - 127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

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SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh

Contract: _____

Lab Code: 10142

Case No.: _____

SAS No.: _____

SDG No.: 237194Matrix Spike - EPA Sample No. SED-3Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	110	0	95	86	69 - 119
Trichloroethene	110	0	110	100	64 - 136
Benzene	110	0	97	88	74 - 124
Toluene	110	0	100	91	76 - 124
Chlorobenzene	110	0	110	100	68 - 114

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
1,1-Dichloroethene	110	85	77	11	22	69 - 119
Trichloroethene	110	100	91	9	24	64 - 136
Benzene	110	100	91	3	21	74 - 124
Toluene	110	100	91	0	21	76 - 124
Chlorobenzene	110	100	91	9	21	68 - 114

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

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STL

FORM III VOA-2

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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Fax (845) 562-0841

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix Spike - EPA Sample No SW-3

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,4-Dichlorobenzene	53	0	17	32	25 - 89
N-Nitroso-di-n-propylamine	53	0	27	51	44 - 102
1,2,4-Trichlorobenzene	53	0	22	42 *	44 - 100
4-Chloro-3-methylphenol	79	0	43	54	24 - 80
Acenaphthene	53	0	28	53	35 - 107
2,4-Dinitrotoluene	53	0	30	57	28 - 126
4-Nitrophenol	79	0	27	34	29 - 129
Pentachlorophenol	79	0	59	75	35 - 139
Pyrene	53	0	40	75	38 - 126
Phenol	79	0	17	22	20 - 96
2-Chlorophenol	79	0	39	49	17 - 73

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
1,4-Dichlorobenzene	54	31	57	56 *	28	25 - 89
N-Nitroso-di-n-propylamine	54	29	54	6	38	44 - 102
1,2,4-Trichlorobenzene	54	36	67	46 *	28	44 - 100
4-Chloro-3-methylphenol	81	47	58	7	42	24 - 80
Acenaphthene	54	36	67	23	31	35 - 107
2,4-Dinitrotoluene	54	35	65	13	38	28 - 126
4-Nitrophenol	81	35	43	23	50	29 - 129
Pentachlorophenol	81	66	81	8	50	35 - 139
Pyrene	54	43	80	6	31	38 - 126
Phenol	81	19	23	4	42	20 - 96
2-Chlorophenol	81	47	58	17	40	17 - 73

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 2 out of 11 outside limits

Spike Recovery: 1 out of 22 outside limits

COMMENTS: _____

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SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh

Contract: _____

Lab Code: 10142

Case No.: _____

SAS No.: _____

SDG No.: 237194Matrix Spike - EPA Sample No. SED-3Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
Phenol	5300	0	2600	49	26 - 90
2-Chlorophenol	5300	0	2700	51	25 - 102
1,4-Dichlorobenzene	3500	0	1200	34	28 - 104
N-Nitroso-di-n-propylamine	3500	0	1800	51	41 - 126
1,2,4-Trichlorobenzene	3500	0	1500	43	38 - 107
4-Chloro-3-methylphenol	5300	0	3100	58	26 - 103
Acenaphthene	3500	93	1900	51	31 - 137
2,4-Dinitrotoluene	3500	0	1800	51	28 - 89
4-Nitrophenol	5300	0	4700	89	11 - 114
Pentachlorophenol	5300	0	2800	53	17 - 109
Pyrene	3500	5100	6900	51	35 - 142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Phenol	5300	2500	47	4	35	26 - 90
2-Chlorophenol	5300	2500	47	8	50	25 - 102
1,4-Dichlorobenzene	3600	1300	36	6	27	28 - 104
N-Nitroso-di-n-propylamine	3600	1700	47	8	38	41 - 126
1,2,4-Trichlorobenzene	3600	1500	42	2	23	38 - 107
4-Chloro-3-methylphenol	5300	2800	53	9	33	26 - 103
Acenaphthene	3600	2900	78	42 *	19	31 - 137
2,4-Dinitrotoluene	3600	2100	58	13	47	28 - 89
4-Nitrophenol	5300	6500	123 *	32	50	11 - 114
Pentachlorophenol	5300	2400	45	16	47	17 - 109
Pyrene	3600	6800	47	8	36	35 - 142

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 11 outside limits

Spike Recovery: 1 out of 22 outside limits

COMMENTS: _____

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FORM III SV-2

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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3BS
WATER SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix Spike - EPA Sample No. SBSPK17

COMPOUND	SPIKE ADDED (ug/L)	BS CONCENTRATION (ug/L)	BS % REC #	QC LIMITS REC.
Phenol	25	7	28	20 - 96
2-Chlorophenol	25	13	52	17 - 73
1,4-Dichlorobenzene	25	12	48	25 - 89
N-Nitroso-di-n-propylamine	25	15	60	44 - 102
1,2,4-Trichlorobenzene	25	12	48	44 - 100
4-Chloro-3-methylphenol	25	14	56	24 - 80
Acenaphthene	25	14	56	35 - 107
2,4-Dinitrotoluene	25	16	64	28 - 126
4-Nitrophenol	25	8	32	29 - 129
Pentachlorophenol	25	17	68	35 - 139
Pyrene	25	14	56	38 - 126

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 11 outside limits

COMMENTS: _____

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NYSDOH 10142

NJDEP 73015

FORM III-GV-BS
CTDOHS PH-0554

EPA NY049

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3BS
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix Spike - EPA Sample No. SBSPK22 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	BS CONCENTRATION (ug/Kg)	BS % REC #	QC LIMITS REC.
Phenol	830	420	51	26 - 90
2-Chlorophenol	830	430	52	25 - 102
1,4-Dichlorobenzene	830	390	47	28 - 104
N-Nitroso-di-n-propylamine	830	440	53	41 - 126
1,2,4-Trichlorobenzene	830	440	53	38 - 107
4-Chloro-3-methylphenol	830	500	60	26 - 103
Acenaphthene	830	530	64	31 - 137
2,4-Dinitrotoluene	830	520	63	28 - 89
4-Nitrophenol	830	380	46	11 - 114
Pentachlorophenol	830	380	46	17 - 109
Pyrene	830	630	76	35 - 142

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 11 outside limits

COMMENTS: _____

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FORM III SV-BS

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3E
WATER PESTICIDE BLANK SPIKE RECOVERY

Lab Name: STL Newburgh

Contract :

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.:

PBSPK11

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	BLANK SPIKE CONCENTRATION (ug/L)	BS % REC #	QC LIMITS REC.
gamma-BHC(Lindane)	0.20	0.0	0.260	130 *	64-114
Heptachlor	0.20	0.0	0.243	122 *	54-118
Aldrin	0.20	0.0	0.252	126 *	50-112
Dieldrin	0.20	0.0	0.267	134	50-152
Endrin	0.20	0.0	0.263	132	64-138
4,4'-DDT	0.20	0.0	0.234	117	69-129

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III PEST

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Newburgh, NY 12550
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3F
SOIL PESTICIDE MATRIX BLANK SPIKE RECOVERY

Lab Name: STL Newburgh

Contract :

Lab Code: 10142 Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.:

PBSPK18

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MSB CONCENTRATION (ug/kg)	MSB % REC #	QC LIMITS REC.
gamma-BHC(Lindane)	6.7	0.0	3.3	49 *	64-114
Heptachlor	6.7	0.0	4.0	60	54-118
Aldrin	6.7	0.0	1.6	24 *	50-112
Dieldrin	6.7	0.0	5.6	84	50-152
Endrin	6.7	0.0	5.4	81	64-138
4,4'-DDT	6.7	0.0	5.7	85	69-129

Handwritten: 7/1/09

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3E

WATER PCB MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh

Contract:

Lab Code: 10142 Case No.:

SAS No.:

SDG No.:

Matrix Spike - STL Sample No. PBSPK02

COMPOUND	SPIKE ADDED (ug/L)	BLANK SPIKE CONCENTRATION (ug/L)	BLANK SPIKE % RECOVERY	QC LIMITS
Aroclor 1242	2.0	1.55	78	43-93

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3F

SOIL PCB MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh

Contract:

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No. :

PBSPK18

COMPOUND	SPIKE ADDED (ug/kg)	MSB CONCENTRATION (ug/kg)	MS % RECOVERY	QC LIMITS
Aroclor 1242	66.7	51.30	77	43-93

FORM III PEST

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3E

WATER PESTICIDE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh

Contract :

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.:

SW-3

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
gamma-BHC(Lindane)	0.56	0.0	0.83	148 *	64-114
Heptachlor	0.56	0.0	0.65	116	54-118
Aldrin	0.56	0.0	0.62	111	50-112
Dieldrin	1.1	0.0	1.72	154 *	50-152
Endrin	1.1	0.0	1.86	166 *	64-138
4,4'-DDT	1.1	0.0	1.69	151 *	69-129

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS	
					RP	REC.
gamma-BHC(Lindane)	0.59	0.80	136 *	8	15	64-114
Heptachlor	0.59	0.63	107	8	20	54-118
Aldrin	0.59	0.62	105	6	22	50-112
Dieldrin	1.2	1.61	136	12	18	50-152
Endrin	1.2	1.68	142 *	16	21	64-138
4,4'-DDT	1.2	1.41	119	24	27	69-129

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 6 outside limits

Spike Recovery: 6 out of 12 outside limits

FORM III PEST

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3F

SOIL PESTICIDE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh

Contract :

Lab Code: 10142 Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.:

SED-3

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	#	QC LIMITS REC.
gamma-BHC(Lindane)	17.4	0.0	87.2	501	*	64-114
Heptachlor	17.4	0.0	49.9	287	*	54-118
Aldrin	17.4	0.0	6.1	35	*	50-112
Dieldrin	34.9	0.0	45.5	130		50-152
Endrin	34.9	0.0	27.0	77		64-138
4,4'-DDT	34.9	0.0	53.0	152	*	69-129

COMPOUND	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC	#	% RPD	#	QC LIMITS RPD	REC.
gamma-BHC(Lindane)	17.7	93.1	535	*	7		50	64-114
Heptachlor	17.7	0.0	0	*	200	*	31	54-118
Aldrin	17.7	5.9	34	*	3		43	50-112
Dieldrin	35.5	41.6	119		9		38	50-152
Endrin	35.5	30.6	88		13		45	64-138
4,4'-DDT	35.5	42.6	122		22		50	69-129

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 6 outside limits

Spike Recovery: 7 out of 12 outside limits

FORM III PEST

3/90

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3E

WATER PCB MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh

Contract

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

Matrix Spike - STL Sample No.

SW-3

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC
Aroclor 1242	2.4	0.0	1.96	83

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % RECOVERY	QC LIMITS
Aroclor 1242	2.2	1.89	85	43-93

FORM III PEST

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3F

SOIL PCB MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh

Contract:

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.:

SED-3

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC
Aroclor 1242	142.3	1076.5	631.60	0 *

COMPOUND	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % RECOVERY	QC LIMITS
Aroclor 1242	140.7	791.60	0	43-93

FORM III PEST

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6
DUPLICATES

EPA SAMPLE NO.

SW-3D

Lab Name: STL Newburgh

Contract :

Lab Code: 10142 Case No.:

SAS No. :

SDG No. :

Matrix (soil/water): Water

Level (low/med) : LOW

% Solids for Sample:

% Solids for Duplicate:

Concentration Units (ug/L or mg/Kg dry weight): ug/L

[illegible]

FORM VI - IN

ILM04.0

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NJDEP 73015

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PA 68-378

M-NY049

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Newburgh, NY 12550
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Fax (845) 562-0841

6
DUPLICATES

EPA SAMPLE NO.

SS-1D

Lab Name: STL Newburgh

Contract:

Lab Code: 10142 Case No.:

SAS No. :

SDG No. :

Matrix (soil/water): SOIL

Level (low/med) : LOW

% Solids for Sample: 62.00

% Solids for Duplicate: 62.00

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

[illegible]

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6
DUPLICATES

EPA SAMPLE NO.

SED-3D

Lab Name: STL Newburgh

Contract: _____

Lab Code: 10142 Case No.:

SAS No. :

SDG No. :

Matrix (soil/water): SOIL

Level (low/med): LOW

% Solids for Sample: 46.43

% Solids for Duplicate: 46.43

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

[illegible]

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EPA SAMPLE NO.

SS-1D

Lab Name: STL Newburgh

Contract:

Lab Code: 10142 Case No.: _____

SAS No. :

SDG No. :

Matrix (soil/water): SOIL

Level (low/med) : LOW

% Solids for Sample: 62.00

% Solids for Duplicate: 62.00

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

[illegible]

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6
DUPLICATES

EPA SAMPLE NO.

SW-3D

Lab Name: STL Newburgh

Contract: _____

Lab Code: 10142 Case No.:

SAS No. :

SDG No. :

Matrix (soil/water): Water

Level (low/med): LOW

% Solids for Sample: _____

% Solids for Duplicate: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

[illegible]

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6
 DUPLICATES

EPA SAMPLE NO.

SW-3D

Lab Name: STL Newburgh

Contract: _____

Lab Code: 10142 Case No.: _____

SAS No. :

SDG No. : _____

Matrix (soil/water): Water

Level (low/med) : LOW

% Solids for Sample: _____

% Solids for Duplicate: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

[illegible]

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6
 DUPLICATES

EPA SAMPLE NO.

SS-10D

Lab Name: STL Newburgh

Contract:

Lab Code: 10142 Case No.:

SAS No.:

SDG No. :

Matrix (soil/water): SOIL

Level (low/med) : LOW

% Solids for Sample: 85.66

% Solids for Duplicate: 85.66

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

[illegible]

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6
 DUPLICATES

EPA SAMPLE NO.

SED-3D

Lab Name: STL Newburgh

Contract : _____

Lab Code: 10142 Case No.: _____

SAS No.:

SDG No. :

Matrix (soil/water): SOIL

Level (low/med): LOW

% Solids for Sample: 46.43

% Solids for Duplicate: 46.43

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

[illegible]

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6
DUPLICATES

EPA SAMPLE NO.

SW-3D

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: SAS No.: SDG No.:

Matrix (soil/water): Surf. W Level (low/med): LOW

% Solids for Sample: _____ % Solids for Duplicate: _____

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

[illegible]

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6
DUPLICATES

Lab Name: STL NEWBURGH

Contract:

Lab Code: 10142

SDG NO.: 237194

Matrix (Soil/Water): SOIL

Level (Low/Med): LOW

% Solids for Sample: 81.1

% Solids for Duplicate:

Client ID: ZZZZZ (237118-15)

Concentration Units (ug/l or mg/kg dry weight) : mg/kg

ANALYTE	CONTROL LIMIT	SAMPLE (S)	C	DUPLICATE (D)	C	RPD	Q	M
Aluminum								P
Antimony								P
Arsenic								P
Barium								P
Beryllium								P
Cadmium								P
Calcium								P
Chromium								P
Cobalt								P
Copper								P
Iron								P
Lead								P
Magnesium								P
Manganese								P
Mercury								CV
Nickel								P
Potassium								P
Selenium								F
Silver								P
Sodium								P
Thallium								P
Vanadium								P
Zinc								P
Cyanide		1.2 U		1.2 U		0.0		C

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6
DUPLICATES

Lab Name: STL NEWBURGH
Lab Code: 10142
Matrix (Soil/Water): SOIL
% Solids for Sample: 46.4
Client ID: SED-3

Contract:
SDG NO.: 237194
Level (Low/Med): LOW
% Solids for Duplicate:

Concentration Units (ug/l or mg/kg dry weight) : mg/kg

ANALYTE	CONTROL LIMIT	SAMPLE (S)	C	DUPLICATE (D)	C	RPD	Q	M
Aluminum								P
Antimony								P
Arsenic								P
Barium								P
Beryllium								P
Cadmium								P
Calcium								P
Chromium								P
Cobalt								P
Copper								P
Iron								P
Lead								P
Magnesium								P
Manganese								P
Mercury								CV
Nickel								P
Potassium								P
Selenium								F
Silver								P
Sodium								P
Thallium								P
Vanadium								P
Zinc								P
Cyanide		2.0000	U	2.0000	U	0.0		C

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6
DUPLICATES

Lab Name: STL NEWBURGH

Contract:

Lab Code: 10142

SDG NO.: 237194

Matrix (Soil/Water): SOIL

Level (Low/Med): LOW

% Solids for Sample:

% Solids for Duplicate:

Client ID: ZZZZZ (237606-03)

Concentration Units (ug/l or mg/kg dry weight) : WET

ANALYTE	CONTROL LIMIT	SAMPLE (S)	C	DUPLICATE (D)	C	RPD	Q	M
Aluminum								P
Antimony								P
Arsenic								P
Barium								P
Beryllium								P
Cadmium								P
Calcium								P
Chromium								P
Cobalt								P
Copper								P
Iron								P
Lead								P
Magnesium								P
Manganese								P
Mercury								CV
Nickel								P
Potassium								P
Selenium								F
Silver								P
Sodium								P
Thallium								P
Vanadium								P
Zinc								P
Cyanide		1.0000 U		1.0000 U		0.0		C

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5A
SPIKE SAMPLE RECOVERY

SW-3S

% Solids for Sample: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

Comments :

EPA SAMPLE NO.

SS-1S

Lab Name: STL Newburgh Contract:

Lab Code: 10142 Case No.: SAS No.: SDG No.:

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 62.00

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

[illegible]

Comments:

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EPA SAMPLE NO.

SED-3S

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: SAS No.: SDG No.:

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 46.43

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

[illegible]

Comments :

5A
SPIKE SAMPLE RECOVERY

SS-1S

Contract: _____

SAS No. :

SDG No. :

Level (low/med): LOW

% Solids for Sample: 62.00

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

Comments :

5A
SPIKE SAMPLE RECOVERY

SW-3S

% Solids for Sample: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

Comments:

5A
SPIKE SAMPLE RECOVERY

SW-3S

Contract : _____

SAS No. :

SDG No. : _____

Level (low/med) : LOW

% Solids for Sample: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

Comments:

5A
SPIKE SAMPLE RECOVERY

SS-10S

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

SED-3S

Lab Name: STL Newburgh

Contract:

Lab Code: 10142 Case No.:

SAS No. :

SDG No. :

Matrix (soil/water): SOIL

Level (low/med): LOW

% Solids for Sample: 46.43

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

[illegible]

Comments:

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Fax (845) 562-0841

5A
SPIKE SAMPLE RECOVERY

SW-3S

% Solids for Sample: _____

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

Comments:

5A
SPIKE SAMPLE RECOVERY

Lab Name: STL NEWBURGH

Contract:

Lab Code: 10142

SDG:No.:

237194

Matrix (Soil/Water): soil

% Solids for Sample: 81.1

Level (Low/Med): LOW

Client ID: ZZZZZ (237118-15)

Concentration Units (ug/l or mg/kg dry weight) : MG/KG

Analyte	Control Limit %R	Spike Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	C	M
Aluminum									P
Antimony									P
Arsenic									P
Barium									P
Beryllium									P
Cadmium									P
Calcium									P
Chromium									P
Cobalt									P
Copper									P
Iron									P
Lead									P
Magnesium									P
Manganese									P
Mercury									CV
Nickel									P
Potassium									P
Selenium									F
Silver									P
Sodium									P
Thallium									P
Vanadium									P
Zinc									P
Cyanide		7.64		1.2	U	12.33	62.0	N	C

Comments:

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5A
SPIKE SAMPLE RECOVERY

Lab Name: STL NEWBURGH
Lab Code: 10142
Matrix (Soil/Water): soil
% Solids for Sample: 46.4
Client ID: SED-3

Contract:
SDG:No.: 237194

Level (Low/Med): LOW

Concentration Units (ug/l or mg/kg dry weight) : MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	C	M
Aluminum									P
Antimony									P
Arsenic									P
Barium									P
Beryllium									P
Cadmium									P
Calcium									P
Chromium									P
Cobalt									P
Copper									P
Iron									P
Lead									P
Magnesium									P
Manganese									P
Mercury									CV
Nickel									P
Potassium									P
Selenium									F
Silver									P
Sodium									P
Thallium									P
Vanadium									P
Zinc									P
Cyanide		17.8900		2.0000	U	19.96	89.6		C

Comments:

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5A
SPIKE SAMPLE RECOVERY

Lab Name: STL NEWBURGH

Contract:

Lab Code: 10142

SDG:No.:

237194

Matrix (Soil/Water): soil

Level (Low/Med): LOW

% Solids for Sample:

Client ID: ZZZZZ (237606-03)

Concentration Units (ug/l or mg/kg dry weight) : WET

Analyte	Control Limit %R	Spike Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	C	M
Aluminum									P
Antimony									P
Arsenic									P
Barium									P
Beryllium									P
Cadmium									P
Calcium									P
Chromium									P
Cobalt									P
Copper									P
Iron									P
Lead									P
Magnesium									P
Manganese									P
Mercury									CV
Nickel									P
Potassium									P
Selenium									F
Silver									P
Sodium									P
Thallium									P
Vanadium									P
Zinc									P
Cyanide		9.7000		1.0000	U	10.00	97.0		C

Comments:

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5B
POST SPIKE SAMPLE RECOVERY

SS-1

Matrix (soil/water): Soil Level (low/med): LOW

Concentration Units:ug/L

Comments:

5B
POST SPIKE SAMPLE RECOVERY

SED-3

Matrix (soil/water): Sedimen Level (low/med): LOW

[illegible]

Job Number.: 237194

QUALITY CONTROL RESULTS

Report Date.: 06/29/2004

CUSTOMER: InteGrayted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Test Method.....: LAC 10210001A
 Method Description.: Phenolics, Total Recoverable
 Parameter.....: Phenolics, Total Recoverable

Batch.....: 70978
 Units.....: mg/L

Analyst...: jpp
 Test Code.: PHENTR

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result *	Limits	F	Date	Time
ICB			0								06/16/2004	0420
LCS		W03PHELCS3	0.054			0.061		88.5	68-122		06/16/2004	0420
MB			0								06/16/2004	0420
MD	237194-3		0				0	0.0	15-15		06/16/2004	0420
MS	237194-3	W02PHESPK1	0.032			0.030	0	106.7	71-143		06/16/2004	0420
CCV		W02PHECCV1	0.050			0.050		100.0	88-112		06/16/2004	0420
CCB			0								06/16/2004	0420
CCV		W02PHECCV1	0.052			0.050		104.0	88-112		06/16/2004	0420
ICV		W02PHEICV1	0.050			0.050		100.0	88-112		06/16/2004	0420
CCB			0								06/16/2004	0420
CCB			0								06/16/2004	0420
CCV		W02PHECCV1	0.051			0.050		102.0	88-112		06/16/2004	0420
CCB			0								06/16/2004	0420
CCV		W02PHECCV1	0.054			0.050		108.0	88-112		06/16/2004	0420
CCB			0								06/16/2004	0420
CCV		W02PHECCV1	0.051			0.050		102.0	88-112		06/16/2004	0420
			0								06/16/2004	0420
		W02PHECCV1	0.050			0.050		100.0	88-112		06/16/2004	0420
			0								06/16/2004	0420
CCV		W02PHECCV1	0.052			0.050		104.0	88-112		06/16/2004	0420

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* % REC, R=RPD, A=ABS Diff., D=% Diff.

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4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK088A

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Lab File ID: X7915A.D Lab Sample ID: VBLK088A
 Date Analyzed: 6/21/2004 Time Analyzed: 15:17
 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y
 Instrument ID: MS3

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	SED-1	237194-012	X7920A.D	19:35
02	SED-2	237194-013	X7921A.D	20:19
03	SED-3	237194-014	X7922A.D	20:53
04	SS-4	237194-010	X7923A.D	21:26
05	SED-4	237194-015	X7924A.D	22:01
06	SED-5	237194-016	X7925A.D	22:36
07	SS-6	237194-020	X7926A.D	23:09

COMMENTS

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 Fax (845) 562-0841

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBK088A

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: VBK088A

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7915A.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 6/21/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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NYSDOH 10142

NJDEP 73016

CTDOHS PH-0554

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Fax (845) 562-0841

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK088A

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: VBLK088A
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7915A.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. 0 Date Analyzed: 6/21/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBK089

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Lab File ID: X7931.D Lab Sample ID: VBK089
Date Analyzed: 6/22/2004 Time Analyzed: 21:11
GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y
Instrument ID: MS3

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	SS-2	237194-008	X7933.D	22:27
02	SS-5	237194-011	X7934.D	23:01

COMMENTS

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK089

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: VBLK089

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7931.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 6/22/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK089

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: VBLK089
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7931.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. 0 Date Analyzed: 6/22/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK428

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Lab File ID: W3600.D Lab Sample ID: VBLK428
Date Analyzed: 6/22/2004 Time Analyzed: 15:29
GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N
Instrument ID: MSD2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	SW-1	237194-001	W3617.D	0:33
02	SW-2	237194-002	W3618.D	1:04

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK428

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) WATER Lab Sample ID: VBLK428

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3600.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 6/22/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK428

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) WATER Lab Sample ID: VBLK428
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3600.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. _____ Date Analyzed: 6/22/2004
GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/LNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK090

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Lab File ID: X7937.D Lab Sample ID: VBLK090
 Date Analyzed: 6/23/2004 Time Analyzed: 17:47
 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y
 Instrument ID: MS3

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	SS-3	237194-009	X7938.D	18:42
02	SED-6	237194-017	X7939.D	19:20
03	SS-1	237194-007	X7940.D	19:57
04	SS-5RE	237194-011RE	X7941.D	20:42
05	SS-7	237194-021	X7942.D	21:16
06	SS-8	237194-022	X7943.D	21:50
07	SS-9	237194-023	X7944.D	22:24
08	SED-3MS	237194-014MS	X7945.D	22:58
09	SED-3MSD	237194-014MSD	X7946.D	23:33
10	VBSPK23	VBSPK23	X7947.D	0:07

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK090

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: VBLK090

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7937.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 6/23/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
540-59-0	Total-1,2-Dichloroethene		U	10
1330-20-7	Xylenes, total		U	10

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK090

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) SOIL Lab Sample ID: VBLK090
Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7937.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. 0 Date Analyzed: 6/23/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VLK429

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Lab File ID: W3619.D Lab Sample ID: VLK429
Date Analyzed: 6/23/2004 Time Analyzed: 14:17
GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N
Instrument ID: MSD2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	SW-3	237194-003	W3620.D	15:35
02	SW-4	237194-004	W3621.D	16:08
03	SW-5	237194-005	W3622.D	16:38
04	L-1	237194-006	W3623.D	17:08
05	TRIP	237194-018	W3624.D	17:39
06	L-2	237194-019	W3625.D	18:09
07	VBSPK23	VBSPK23	W3626.D	18:57
08	SW-3MS	237194-003MS	W3628.D	19:58
09	SW-3MSD	237194-003MSD	W3629.D	20:29

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VLK429

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) WATER Lab Sample ID: VLK429

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3619.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 6/23/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
540-59-0	Total-1,2-Dichloroethene		U	10
1330-20-7	Xylenes, total		U	10

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK429

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) WATER Lab Sample ID: VBLK429
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: W3619.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. _____ Date Analyzed: 6/23/2004
GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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STL

FORM I VOA-TIC

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBK091

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Lab File ID: X7949.D Lab Sample ID: VBK091
Date Analyzed: 6/24/2004 Time Analyzed: 13:02
GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y
Instrument ID: MS3

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	SS-9RE	237194-023RE	X7951.D	14:31
02	SS-10	237194-024	X7952.D	15:05
03	SS-10RE	237194-024RE	X7953.D	16:07

COMMENTS

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Page 1 of 1

FORM IV VOA

NYSDOH 10142

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK091

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: VBLK091

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7949.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 6/24/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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NYSDOH 10142

NJDEP 73015

FORM I VOA

CTDOHS PH-0554

EPA NY049

PA 68-378

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M-NY049

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK091

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: VBLK091

Sample wt/vol: 5.0 (g/ml) G Lab File ID: X7949.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 6/24/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
---------	---------------	----	------------	---

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FORM I VOA-TIC

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

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4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK17

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Lab File ID: S30126.D Lab Sample ID: SBLK17
 Instrument ID: 5972-2 Date Extracted: 6/16/2004
 Matrix: (soil/water) WATER Date Analyzed: 6/17/2004
 Level: (low/med) LOW Time Analyzed: 13:36

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBSPK17	SBSPK17	S30127.D	6/17/2004
02	SW-1	237194-001	S30184.D	6/23/2004
03	SW-2	237194-002	S30185.D	6/23/2004
04	SW-3	237194-003	S30186.D	6/23/2004
05	SW-4	237194-004	S30187.D	6/23/2004
06	SW-5	237194-005	S30188.D	6/23/2004
07	L-1	237194-006	S30189.D	6/23/2004
08	L-2	237194-019	S30190.D	6/23/2004
09	SW-3MS	237194-003MS	S30192.D	6/23/2004
10	SW-3MSD	237194-003MSD	S30193.D	6/23/2004
11	L-2RE	237194-019RE	S30194.D	6/23/2004

COMMENTS:

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK17

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Matrix: (soil/water) WATER Lab Sample ID: SBLK17
 Sample wt/vol: 1000.0 (g/ml) ML Lab File ID: S30126.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 6/16/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether	3	J	10
108-95-2	Phenol	1	J	10
95-57-8	2-Chlorophenol	3	J	10
541-73-1	1,3-Dichlorobenzene	3	J	10
106-46-7	1,4-Dichlorobenzene	3	J	10
95-50-1	1,2-Dichlorobenzene	3	J	10
100-51-6	Benzyl alcohol	2	J	10
108-60-1	2,2'-oxybis(1-Chloropropane)	3	J	10
95-48-7	2-Methylphenol	2	J	10
67-72-1	Hexachloroethane	2	J	10
621-64-7	N-Nitroso-di-n-propylamine	3	J	10
106-44-5	4-Methylphenol	2	J	10
98-95-3	Nitrobenzene	3	J	10
78-59-1	Isophorone	3	J	10
88-75-5	2-Nitrophenol	3	J	10
105-67-9	2,4-Dimethylphenol	2	J	10
111-91-1	bis(2-Chloroethoxy)methane	3	J	10
120-83-2	2,4-Dichlorophenol	3	J	10
120-82-1	1,2,4-Trichlorobenzene	2	J	10
91-20-3	Naphthalene	3	J	10
106-47-8	4-Chloroaniline	2	J	10
87-68-3	Hexachlorobutadiene	3	J	10
59-50-7	4-Chloro-3-methylphenol	3	J	10
91-57-6	2-Methylnaphthalene	3	J	10
77-47-4	Hexachlorocyclopentadiene		U	10
88-06-2	2,4,6-Trichlorophenol	3	J	10
95-95-4	2,4,5-Trichlorophenol	3	J	50
91-58-7	2-Chloronaphthalene	3	J	10
88-74-4	2-Nitroaniline	3	J	25
208-96-8	Acenaphthylene	3	J	10
131-11-3	Dimethylphthalate	3	J	10
606-20-2	2,6-Dinitrotoluene	3	J	10
83-32-9	Acenaphthene	3	J	10
99-09-2	3-Nitroaniline	2	J	25
51-28-5	2,4-Dinitrophenol	1	J	25
132-64-9	Dibenzofuran	3	J	10
121-14-2	2,4-Dinitrotoluene	4	J	10

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK17

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) WATER Lab Sample ID: SBLK17

Sample wt/vol: 1000.0 (g/ml) ML Lab File ID: S30126.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted:(Y/N) N Date Extracted: 6/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	25
86-73-7	Fluorene	3	J	10
7005-72-3	4-Chlorophenyl-phenylether	3	J	10
84-66-2	Diethylphthalate	4	J	10
100-01-6	4-Nitroaniline	2	J	25
534-52-1	4,6-Dinitro-2-methylphenol	2	J	25
86-30-6	n-Nitrosodiphenylamine (1)	3	J	10
101-55-3	4-Bromophenyl-phenylether	3	J	10
118-74-1	Hexachlorobenzene	3	J	10
87-86-5	Pentachlorophenol	2	J	25
85-01-8	Phenanthrene	4	J	10
120-12-7	Anthracene	3	J	10
84-74-2	Di-n-butylphthalate	7	J	10
206-44-0	Fluoranthene	4	J	10
129-00-0	Pyrene	4	J	10
85-68-7	Butylbenzylphthalate	4	J	10
91-94-1	3,3'-Dichlorobenzidine		U	10
56-55-3	Benzo(a)anthracene	4	J	10
218-01-9	Chrysene	4	J	10
117-81-7	bis(2-Ethylhexyl)phthalate	6	J	10
117-84-0	Di-n-octylphthalate	4	J	10
205-99-2	Benzo(b)fluoranthene	4	J	10
207-08-9	Benzo(k)fluoranthene	4	J	10
50-32-8	Benzo(a)pyrene	3	J	10
193-39-5	Indeno(1,2,3-cd)pyrene	3	J	10
62-75-9	n-Nitrosodimethylamine		U	10
53-70-3	Dibenz(a,h)anthracene		U	10
191-24-2	Benzo(g,h,i)perylene	4	J	10

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDORS PH-0554

EPA NY049

PA 68-378

2/00

M-NY049

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK17

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
Matrix: (soil/water) WATER Lab Sample ID: SBLK17
Sample wt/vol: 1000.0 (g/ml) ML Lab File ID: S30126.D
Level: (low/med) LOW Date Received: _____
% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/16/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-74-2	Dibutyl phthalate	16.75	7	JN
2.	Unknown C ₈ H ₂ n	18.54	5	J
3. 000103-23-1	Hexanedioic acid, bis(2-ethylhexy	20.73	4	JN

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NYSDOH 10142

NJDEP 73015

FORM 10V-TIC
CTDORS PH-0354

EPA NY049

PA 68-378

3/00
M-NY049

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4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK22

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194
 Lab File ID: E72180.D Lab Sample ID: SBLK22
 Instrument ID: 5972-1 Date Extracted: 6/23/2004
 Matrix: (soil/water) SOIL Date Analyzed: 6/24/2004
 Level: (low/med) LOW Time Analyzed: 13:06

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBSPK22	SBSPK22	E72181.D	6/24/2004
02	SS-1	237194-007	E72185.D	6/24/2004
03	SS-2	237194-008	E72186.D	6/24/2004
04	SS-3	237194-009	E72187.D	6/24/2004
05	SS-5	237194-011	E72188.D	6/24/2004
06	SED-6	237194-017	E72189.D	6/24/2004
07	SS-6	237194-020	E72190.D	6/24/2004
08	SS-7	237194-021	E72191.D	6/24/2004
09	SS-8	237194-022	E72192.D	6/24/2004
10	SS-10	237194-024	E72193.D	6/24/2004
11	SED-4	237194-015	E72194.D	6/24/2004
12	SED-5	237194-016	E72195.D	6/24/2004
13	SS-9	237194-023	E72199.D	6/25/2004
14	SED-1	237194-012	E72200.D	6/25/2004
15	SS-4	237194-010	E72201.D	6/25/2004
16	SED-2	237194-013	E72202.D	6/25/2004
17	SED-3	237194-014	E72203.D	6/25/2004
18	SED-3MS	237194-014MS	E72204.D	6/25/2004
19	SED-3MSD	237194-014MSD	E72205.D	6/25/2004
20	SED-6RE	237194-017RE	E72206.D	6/25/2004
21	SS-6RE	237194-020RE	E72207.D	6/25/2004
22	SS-7RE	237194-021RE	E72208.D	6/25/2004
23	SS-8RE	237194-022RE	E72209.D	6/25/2004
24	SS-10RE	237194-024RE	E72210.D	6/25/2004
25	SED-4RE	237194-015RE	E72211.D	6/25/2004
26	SED-5RE	237194-016RE	E72212.D	6/25/2004
27	SS-9RE	237194-023RE	E72230.D	6/28/2004
28	SED-1RE	237194-012RE	E72231.D	6/29/2004
29	SS-4RE	237194-010RE	E72232.D	6/29/2004
30	SED-2DL	237194-013DL	E72233.D	6/29/2004

COMMENTS:

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Page 1 of 1

FORM IV SV

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK22

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: SBLK22

Sample wt/vol: 30.0 (g/ml) G Lab File ID: E72180.D

Level: (low/med) LOW Date Received: _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	330
108-95-2	Phenol		U	330
95-57-8	2-Chlorophenol		U	330
541-73-1	1,3-Dichlorobenzene		U	330
106-46-7	1,4-Dichlorobenzene		U	330
95-50-1	1,2-Dichlorobenzene		U	330
100-51-6	Benzyl alcohol		U	330
108-60-1	2,2'-oxybis(1-Chloropropane)		U	330
95-48-7	2-Methylphenol		U	330
67-72-1	Hexachloroethane		U	330
621-64-7	N-Nitroso-di-n-propylamine		U	330
106-44-5	4-Methylphenol		U	330
98-95-3	Nitrobenzene		U	330
78-59-1	Isophorone		U	330
88-75-5	2-Nitrophenol		U	330
105-67-9	2,4-Dimethylphenol		U	330
111-91-1	bis(2-Chloroethoxy)methane		U	330
120-83-2	2,4-Dichlorophenol		U	330
120-82-1	1,2,4-Trichlorobenzene		U	330
91-20-3	Naphthalene		U	330
106-47-8	4-Chloroaniline		U	330
87-68-3	Hexachlorobutadiene		U	330
59-50-7	4-Chloro-3-methylphenol		U	330
91-57-6	2-Methylnaphthalene		U	330
77-47-4	Hexachlorocyclopentadiene		U	330
88-06-2	2,4,6-Trichlorophenol		U	330
95-95-4	2,4,5-Trichlorophenol		U	830
91-58-7	2-Chloronaphthalene		U	330
88-74-4	2-Nitroaniline		U	830
208-96-8	Acenaphthylene		U	330
131-11-3	Dimethylphthalate		U	330
606-20-2	2,6-Dinitrotoluene		U	330
83-32-9	Acenaphthene		U	330
99-09-2	3-Nitroaniline		U	830
51-28-5	2,4-Dinitrophenol		U	830
132-64-9	Dibenzofuran		U	330
121-14-2	2,4-Dinitrotoluene		U	330

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-4

CTDORS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK22

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: SBLK22

Sample wt/vol: 30.0 (g/ml) G Lab File ID: E72180.D

Level: (low/med) LOW Date Received: _____

% Moisture: 0 decanted:(Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	830
86-73-7	Fluorene		U	330
7005-72-3	4-Chlorophenyl-phenylether		U	330
84-66-2	Diethylphthalate		U	330
100-01-6	4-Nitroaniline		U	830
534-52-1	4,6-Dinitro-2-methylphenol		U	830
86-30-6	n-Nitrosodiphenylamine (1)		U	330
101-55-3	4-Bromophenyl-phenylether		U	330
118-74-1	Hexachlorobenzene		U	330
87-86-5	Pentachlorophenol		U	830
85-01-8	Phenanthrene		U	330
120-12-7	Anthracene		U	330
84-74-2	Di-n-butylphthalate		U	330
206-44-0	Fluoranthene		U	330
129-00-0	Pyrene		U	330
85-68-7	Butylbenzylphthalate		U	330
91-94-1	3,3'-Dichlorobenzidine		U	330
56-55-3	Benzo(a)anthracene		U	330
218-01-9	Chrysene		U	330
117-81-7	bis(2-Ethylhexyl)phthalate		U	330
117-84-0	Di-n-octylphthalate		U	330
205-99-2	Benzo(b)fluoranthene		U	330
207-08-9	Benzo(k)fluoranthene		U	330
50-32-8	Benzo(a)pyrene		U	330
193-39-5	Indeno(1,2,3-cd)pyrene		U	330
62-75-9	n-Nitrosodimethylamine		U	330
53-70-3	Dibenz(a,h)anthracene		U	330
191-24-2	Benzo(g,h,i)perylene		U	330

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDORS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK22

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237194

Matrix: (soil/water) SOIL Lab Sample ID: SBLK22

Sample wt/vol: 30.0 (g/ml) G Lab File ID: E72180.D

Level: (low/med) LOW Date Received: _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 6/23/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.29	24000	JN

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NYSDOH 10142

NJDEP 73015

FORM 1 SV TIC

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

PESTICIDE METHOD BLANK SUMMARY

PBLK11

Lab Name: STL Newburgh

Contract:

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

Lab Sample ID: PBLK11

Lab File ID: HP6447.d

Matrix: (soil/water) WATER

Extraction: (SepF/Cont/Sonc) SepF

Sulfur Cleanup: (Y/N) Y

Date Extracted: 6/16/04

Date Analyzed (1): 6/25/04

Date Analyzed (2): 6/25/04

Time Analyzed (1): 1:57

Time Analyzed (2): 1:57

Instrument ID (1): 5890-1

Instrument ID (2): 5890-1

GC Column (1): Rtx-CLPest

ID: 0.32 (mm)

GC Column (2): Rtx-CLPest2

ID: 0.32

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE NO.	DATE ANALYZED 1	DATE ANALYZED 2
1	PBSPK11	PBSPK11	6/25/04	6/25/04
2	SW-1	237194-01	6/25/04	6/25/04
3	SW-2	237194-02	6/25/04	6/25/04
4	SW-3	237194-03	6/25/04	6/25/04
5	SW-3MS	237194-03MS	6/25/04	6/25/04
6	SW-3MSD	237194-03MSD	6/25/04	6/25/04
7	SW-4	237194-04	6/25/04	6/25/04
8	SW-5	237194-05	6/25/04	6/25/04
9	L-1	237194-06	6/25/04	6/25/04
10	L-2	237194-19	6/25/04	6/25/04
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

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STL Newburgh

PESTICIDE ANALYSIS DATA SHEET

Client ID: PBLK11
STL Lab No.: PBLK11
Client Name: InteGreyted International, LLC
Project Name: Cooper 0310025P
% Solid: 100
Matrix: water
Sample Wt/Vol.: 1000 ml
Level: Low

Date Collected:
Date Received:
Date Extracted: 6/16/2004
Date Analyzed: 6/25/2004
Report Date: 6/30/2004
Column: Rtx-CLPest
Lab File ID: HP6934.D
Dilution Factor: 1

CAS No.	Compound	Detection Limit ug/l	Conc ug/l
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC(Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor Epoxide	0.05	U
959-98-8	Endosulfan I	0.1	U
60-57-1	Dieldrin	0.1	U
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan Sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
7421-36-3	Endrin Aldehyde	0.1	U
57-74-9	Technical Chlordane	0.5	U
8001-35-2	Toxaphene	1.0	U

FORM I - PEST

PESTICIDE METHOD BLANK SUMMARY

PBLK11

Lab Name: STL Newburgh

Contract:

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

Lab Sample ID : PBLK11

Lab File ID: 2HP8143.d

Matrix : (soil/water) WATER

Extraction: (SepF/Cont/Sonc) SepF

Sulfur Cleanup: (Y/N) Y

Date Extracted : 6/16/04

Date Analyzed (1) : 6/25/04

Date Analyzed (2) : 6/25/04

Time Analyzed (1) : 22:43

Time Analyzed (2) : 22:43

Instrument ID (1) : 5890-1

Instrument ID (2) : 5890-1

GC Column (1): Rtx-CLPest

ID: 0.32 (mm)

GC Column (2): Rtx-CLPest2

ID: 0.32

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE NO.	DATE ANALYZED 1	DATE ANALYZED 2
1	PBSPK11	PBSPK11	6/25/04	6/25/04
2	SW-1	237194-01	6/25/04	6/25/04
3	SW-2	237194-02	6/25/04	6/25/04
4	SW-3	237194-03	6/26/04	6/26/04
5	SW-3MS	27194-03MS	6/26/04	6/26/04
6	SW-3MSD	237194-03MSD	6/26/04	6/26/04
7	SW-4	237194-04	6/26/04	6/26/04
8	SW-5	237194-05	6/26/04	6/26/04
9	L-1	237194-06	6/26/04	6/26/04
10	L-2	237194-19	6/26/04	6/26/04
11				
12				
13				
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26				

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STL Newburgh

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NYS DOH 10142

NJ DEP 73015

CT DOH PHARM IV FORM 45

PA 68-378

M-NY049

315 Fullerton Avenue
Newburgh, NY 12550
(845) 562-0890
Fax (845) 562-0841

PCB ANALYSIS DATA SHEET

Client ID: PBLK11
STL Lab No.: PBLK11
Client Name: Integreyted International, LLC
Project Name: Cooper 0310025P
% Solid: 100
Matrix: water
Sample Wt/Vol.: 1000 ml
Level: Low

Date Collected:
Date Received:
Date Extracted: 6/16/2004
Date Analyzed: 6/25/2004
Report Date: 6/30/2004
Column: DB-5/DB-1701P
Lab File ID: 2HP8143.D
Dilution Factor: 1

[illegible]

FORM I - PEST

4C
PESTICIDE METHOD BLANK SUMMARY

8081
EPA SAMPLE NO.

PBLK18

Lab Name: STL Newburgh Contract:

Lab Code: 10142 Case No.: SAS No.: SDG No.:

Lab Sample ID: PBLK18 Lab File ID: HP7077.d

Matrix : (soil/water) SOIL Extraction: (SepF/Cont/Sonc) Sonc

Sulfur Cleanup: (Y/N) Y Date Extracted : 6/23/04

Date Analyzed (1) : 6/29/04 Date Analyzed (2) : 6/29/04

Time Analyzed (1) : 1:25 Time Analyzed (2) : 1:25

Instrument ID (1) : 5890-1 Instrument ID (2) : 5890-1

GC Column (1): Rtx-CLPest ID: 0.32 (mm) GC Column (2): Rtx-CLPest2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE NO.	DATE ANALYZED 1	DATE ANALYZED 2
1	PBSPK18	PBSPK18	6/29/04	6/29/04
2	SS-1	237194-07	6/29/04	6/29/04
3	SS-2	237194-08	6/29/04	6/29/04
4	SS-3	237194-09	6/29/04	6/29/04
5	SS-4	237194-10	6/29/04	6/29/04
6	SS-5	237194-11	6/29/04	6/29/04
7	SED-1	237194-12	6/29/04	6/29/04
8	SED-2	237194-13	6/29/04	6/29/04
9	SED-3	237194-14	6/29/04	6/29/04
10	SED-4	237194-15	6/29/04	6/29/04
11	SED-5	237194-16	6/29/04	6/29/04
12	SED-6	237194-17	6/29/04	6/29/04
13	SS-6	237194-20	6/29/04	6/29/04
14	SS-7	237194-21	6/29/04	6/29/04
15	SS-8	237194-22	6/29/04	6/29/04
16	SS-9	237194-23	6/29/04	6/29/04
17	SS-10	237194-24	6/29/04	6/29/04
18	SED-3MS	237194-14MS	6/29/04	6/29/04
19	SED-3MSD	237194-14MSD	6/29/04	6/29/04
20	VCP-TP 14MSD	236110-07MSD	5/21/04	5/21/04
21				
22				
23				
24				
25				
26				
27				
28				

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STL

NYSDOH 10142

NJDEP 73015

CTDOH 5-1354

FORM IV PEST

EPA NY049

PA 68-378

M-NY049 790

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

PESTICIDE ANALYSIS DATA SHEET

Client ID: PBLK18
STL Lab No.: PBLK18
Client Name: InteGreyted International, LLC
Project Name: Cooper 0310025P
% Solid: 100
Matrix: Soil
Sample Wt/Vol.: 30 g
Level: Low

Date Collected:
Date Received:
Date Extracted: 6/23/2004
Date Analyzed: 6/29/2004
Report Date: 7/1/2004
Column: Rtx-CLPest
Lab File ID: HP7077.D
Dilution Factor: 1

[illegible]

FORM I - PEST

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TRENT **STL**

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

PESTICIDE METHOD BLANK SUMMARY

PBLK18

Lab Name: STL Newburgh

Contract:

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

Lab Sample ID: PBLK18

Lab File ID: 2HP8208.d

Matrix : (soil/water) SOIL

Extraction: (SepF/Cont/Sonc) Sonc

Sulfur Cleanup: (Y/N) Y

Date Extracted : 6/23/04

Date Analyzed (1) : 6/27/04

Date Analyzed (2) : 6/27/04

Time Analyzed (1) : 2:20

Time Analyzed (2) : 2:20

Instrument ID (1) : 5890-2

Instrument ID (2) : 5890-2

GC Column (1): DB-5 ID: 0.32 (mm) GC Column (2): DB1701P ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE NO.	DATE ANALYZED 1	DATE ANALYZED 2
1	PBSPK18	PBSPK18	6/27/04	6/27/04
2	SS-1	237194-07	6/27/04	6/27/04
3	SS-2	237194-08	6/27/04	6/27/04
4	SS-3	237194-09	6/27/04	6/27/04
5	SS-4	237194-10	6/27/04	6/27/04
6	SS-5	237194-11	6/27/04	6/27/04
7	SED-1	237194-12	6/27/04	6/27/04
8	SED-2	237194-13	6/27/04	6/27/04
9	SED-3	237194-14	6/27/04	6/27/04
10	SED-3MS	237194-14MS	6/27/04	6/27/04
11	SED-3MSD	237194-14MSD	6/27/04	6/27/04
12	SED-4	237194-15	6/27/04	6/27/04
13	SED-5	237194-16	6/27/04	6/27/04
14	SED-6	237194-17	6/27/04	6/27/04
15	SS-6	237194-20	6/27/04	6/27/04
16	SS-7	237194-21	6/27/04	6/27/04
17	SS-8	237194-22	6/27/04	6/27/04
18	SS-9	237194-23	6/27/04	6/27/04
19	SS-10	237194-24	6/27/04	6/27/04
20	SS-1DL	237194-07 X10	6/29/04	6/29/04
21	SED-1DL	237194-12 X10	6/29/04	6/29/04
22	SED-2DL	237194-13 X10	6/29/04	6/29/04
23	SED-3DL	237194-14 X10	6/29/04	6/29/04
24	SED-4DL	237194-15 X10	6/29/04	6/29/04
25	SED-5DL	237194-16 X10	6/29/04	6/29/04
26	SED-6DL	237194-17 X10	6/29/04	6/29/04

PCB ANALYSIS DATA SHEET

Client ID: PBLK18
STL Lab No.: PBLK18
Client Name: InteGreyted International, LLC
Project Name: Cooper 0310025P
% Solid: 100
Matrix: soil
Sample Wt/Vol.: 30 g
Level: Low

Date Collected:
Date Received:
Date Extracted: 6/23/2004
Date Analyzed: 6/27/2004
Report Date: 7/1/2004
Column: DB-5/DB-1701P
Lab File ID: 2HP8208.D
Dilution Factor: 1

FORM I - PEST

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SEVERN
TRENT **STL**

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): ug/L

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): mg/Kg[illegible]

ILM04.0

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): _____

[illegible]

ILM04.0

SEVERN
TRENT **STL**

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): mg/Kg

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): _____

[illegible]

ILM04.0

SEVERN
TRENT **STL**

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): _____

[illegible]

ILM04.0

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SEVERN
TRENT **STL**

NYSDOH 10142

NJDEP 73016

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg):

[illegible]

ILM04.0

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: _____

Preparation Blank Matrix (soil/water): water

Preparation Blank Concentration Units (ug/L or mg/kg): ug/L

[illegible]

FORM III - IN

ILM04.0

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TRENT **STL**

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NJDEP 73015

CTDOHS PH-0554

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): mg/Kg

[illegible]

ILM04.0

SEVERN
TRENT **STL**

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): _____

[illegible]

ILM04.0

SEVERN
TRENT **STL**

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): ug/L[illegible]

SEVERN
TRENT **STL**

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): _____

[illegible]

SEVERN
TRENT **STL**

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: _____

Preparation Blank Matrix (soil/water): soil

Preparation Blank Concentration Units (ug/L or mg/kg): mg/Kg

[illegible]

FORM III - IN

ILM04.0

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TRENT **STL**

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

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M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): mg/Kg

[illegible]

ILM04.0

**SEVERN
TRENT** **STL**

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): ug/L[illegible]

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANK

Lab Name: STL NEWBURGH

Contract:

Lab Code: 10142

SDG No.: 237194

Sample Blank Matrix (Soil/Water): SOIL

Preparation Blank Concentration Units (ug/l or mg/kg):

MG/KG

Analyte	Initial Calib. Blank (ug/l)	Continuing Calibration Blanks						Preparation Blank		
		C	1	C	2	C	3	C		C M
Aluminum										
Antimony										
Arsenic										
Barium										
Beryllium										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron										
Lead										
Magnesium										
Manganese										
Mercury										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Thallium										
Vanadium										
Zinc										
Cyanide	10.0	U	10.0	U	10.0	U	10.0	U	1.0	U C

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NYSDOH 10142

NJDEP 73016

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANK

Lab Name: STL NEWBURGH Contract:
Lab Code: 10142 SDG No.: 237194
Sample Blank Matrix (Soil/Water): SOIL
Preparation Blank Concentration Units (ug/l or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/l)	Continuing Calibration Blanks						Preparation Blank		
		C	1	C	2	C	3	C		C M
Aluminum										
Antimony										
Arsenic										
Barium										
Beryllium										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron										
Lead										
Magnesium										
Manganese										
Mercury										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Thallium										
Vanadium										
Zinc										
Cyanide	10.0	U	10.0	U	10.0	U	10.0	U	1.0	U C

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NYSDOH 10142

NJDEP 73015

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

3
BLANK

Lab Name: STL NEWBURGH Contract:
Lab Code: 10142 SDG No.: 237194
Sample Blank Matrix (Soil/Water): SOIL
Preparation Blank Concentration Units (ug/l or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/l)	C	1	C	2	C	3	C	Prepa- ration Blank	C	M
Aluminum											
Antimony											
Arsenic											
Barium											
Beryllium											
Cadmium											
Calcium											
Chromium											
Cobalt											
Copper											
Iron											
Lead											
Magnesium											
Manganese											
Mercury											
Nickel											
Potassium											
Selenium											
Silver											
Sodium											
Thallium											
Vanadium											
Zinc											
Cyanide	10.0	U	10.0	U	10.0	U	10.0	U	1.0	U	C

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841



SAMPLE DATA SUMMARY PACKAGE

InteGreyted International, LLC

Syracuse, NY

Project: Cooper 0310025P

STL Lab. #: 237960

Matrix: Water

2 of 2

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-4A
Date Sampled.....: 06/30/2004
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 237960-1
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.051	U		0.051	ug/L	07/18/04	amg
	beta-BHC	0.051	U		0.051	ug/L	07/18/04	amg
	delta-BHC	0.051	U		0.051	ug/L	07/18/04	amg
	gamma-BHC (Lindane)	0.051	U		0.051	ug/L	07/18/04	amg
	Heptachlor	0.051	U		0.051	ug/L	07/18/04	amg
	Aldrin	0.051	U		0.051	ug/L	07/18/04	amg
	Heptachlor epoxide	0.051	U		0.051	ug/L	07/18/04	amg
	Endosulfan I	0.10	U		0.10	ug/L	07/18/04	amg
	Dieldrin	0.10	U		0.10	ug/L	07/18/04	amg
	4,4'-DDE	0.10	U		0.10	ug/L	07/18/04	amg
	Endrin	0.10	U		0.10	ug/L	07/18/04	amg
	Endosulfan II	0.10	U		0.10	ug/L	07/18/04	amg
	4,4'-DDD	0.10	U		0.10	ug/L	07/18/04	amg
	Endosulfan sulfate	0.10	U		0.10	ug/L	07/18/04	amg
	4,4'-DDT	0.10	U		0.10	ug/L	07/18/04	amg
	Methoxychlor	0.051	U		0.051	ug/L	07/18/04	amg
	Toxaphene	1.0	U		1.0	ug/L	07/18/04	amg
	Endrin aldehyde	0.10	U		0.10	ug/L	07/18/04	amg
	Technical Chlordane	0.51	U		0.51	ug/L	07/18/04	amg

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-4A
Date Sampled.....: 06/30/2004
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 237960-1
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.51	U		0.51	ug/L	07/09/04	amg
	Aroclor 1221	0.51	U		0.51	ug/L	07/09/04	amg
	Aroclor 1232	0.51	U		0.51	ug/L	07/09/04	amg
	Aroclor 1242	0.51	U		0.51	ug/L	07/09/04	amg
	Aroclor 1248	0.51	U		0.51	ug/L	07/09/04	amg
	Aroclor 1254	1.0	U		1.0	ug/L	07/09/04	amg
	Aroclor 1260	1.0	U		1.0	ug/L	07/09/04	amg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGrated International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Customer Sample ID: MW-4B
Date Sampled.....: 06/30/2004
Time Sampled.....: 17:45
Sample Matrix.....: Water

Laboratory Sample ID: 237960-2
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.052	U	h	0.052	ug/L	07/18/04	amg
	beta-BHC	0.052	U	h	0.052	ug/L	07/18/04	amg
	delta-BHC	0.052	U	h	0.052	ug/L	07/18/04	amg
	gamma-BHC (Lindane)	0.052	U	h	0.052	ug/L	07/18/04	amg
	Heptachlor	0.052	U	h	0.052	ug/L	07/18/04	amg
	Aldrin	0.052	U	h	0.052	ug/L	07/18/04	amg
	Heptachlor epoxide	0.052	U	h	0.052	ug/L	07/18/04	amg
	Endosulfan I	0.10	U	h	0.10	ug/L	07/18/04	amg
	Dieldrin	0.10	U	h	0.10	ug/L	07/18/04	amg
	4,4'-DDE	0.10	U	h	0.10	ug/L	07/18/04	amg
	Endrin	0.10	U	h	0.10	ug/L	07/18/04	amg
	Endosulfan II	0.10	U	h	0.10	ug/L	07/18/04	amg
	4,4'-DDD	0.10	U	h	0.10	ug/L	07/18/04	amg
	Endosulfan sulfate	0.10	U	h	0.10	ug/L	07/18/04	amg
	4,4'-DDT	0.10	U	h	0.10	ug/L	07/18/04	amg
	Methoxychlor	0.052	U	h	0.052	ug/L	07/18/04	amg
	Toxaphene	1.0	U	h	1.0	ug/L	07/18/04	amg
	Endrin aldehyde	0.10	U	h	0.10	ug/L	07/18/04	amg
	Technical Chlordane	0.52	U	h	0.52	ug/L	07/18/04	amg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGryted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-48
Date Sampled.....: 06/30/2004
Time Sampled.....: 17:45
Sample Matrix.....: Water

Laboratory Sample ID: 237960-2
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.52	U		0.52	ug/L	07/09/04	amg
	Aroclor 1221	0.52	U		0.52	ug/L	07/09/04	amg
	Aroclor 1232	0.52	U		0.52	ug/L	07/09/04	amg
	Aroclor 1242	0.52	U		0.52	ug/L	07/09/04	amg
	Aroclor 1248	0.52	U		0.52	ug/L	07/09/04	amg
	Aroclor 1254	1.0	U		1.0	ug/L	07/09/04	amg
	Aroclor 1260	1.0	U		1.0	ug/L	07/09/04	amg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-1N
Date Sampled.....: 07/01/2004
Time Sampled.....: 08:50
Sample Matrix.....: Water

Laboratory Sample ID: 237960-3
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	beta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	delta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor	0.053	U		0.053	ug/L	07/13/04	amg
	Aldrin	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor epoxide	0.053	U		0.053	ug/L	07/13/04	amg
	Endosulfan I	0.11	U		0.11	ug/L	07/13/04	amg
	Dieldrin	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDE	0.11	U		0.11	ug/L	07/13/04	amg
	Endrin	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan II	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDD	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan sulfate	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDT	0.11	U		0.11	ug/L	07/13/04	amg
	Methoxychlor	0.053	U		0.053	ug/L	07/13/04	amg
	Toxaphene	1.1	U		1.1	ug/L	07/13/04	amg
	Endrin aldehyde	0.11	U		0.11	ug/L	07/13/04	amg
	Technical Chlordane	0.53	U		0.53	ug/L	07/13/04	amg

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-1N
Date Sampled.....: 07/01/2004
Time Sampled.....: 08:50
Sample Matrix.....: Water

Laboratory Sample ID: 237960-3
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.53	U		0.53	ug/L	07/12/04	amg
	Aroclor 1221	0.53	U		0.53	ug/L	07/12/04	amg
	Aroclor 1232	0.53	U		0.53	ug/L	07/12/04	amg
	Aroclor 1242	0.53	U		0.53	ug/L	07/12/04	amg
	Aroclor 1248	0.53	U		0.53	ug/L	07/12/04	amg
	Aroclor 1254	1.1	U		1.1	ug/L	07/12/04	amg
	Aroclor 1260	1.1	U		1.1	ug/L	07/12/04	amg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-9A
Date Sampled.....: 07/01/2004
Time Sampled.....: 08:45
Sample Matrix.....: Water

Laboratory Sample ID: 237960-4
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.051	U		0.051	ug/L	07/13/04	amg
	beta-BHC	0.051	U		0.051	ug/L	07/13/04	amg
	delta-BHC	0.051	U		0.051	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.051	U		0.051	ug/L	07/13/04	amg
	Heptachlor	0.051	U		0.051	ug/L	07/13/04	amg
	Aldrin	0.051	U		0.051	ug/L	07/13/04	amg
	Heptachlor epoxide	0.051	U		0.051	ug/L	07/13/04	amg
	Endosulfan I	0.10	U		0.10	ug/L	07/13/04	amg
	Dieldrin	0.10	U		0.10	ug/L	07/13/04	amg
	4,4'-DDE	0.10	U		0.10	ug/L	07/13/04	amg
	Endrin	0.10	U		0.10	ug/L	07/13/04	amg
	Endosulfan II	0.10	U		0.10	ug/L	07/13/04	amg
	4,4'-DDD	0.10	U		0.10	ug/L	07/13/04	amg
	Endosulfan sulfate	0.10	U		0.10	ug/L	07/13/04	amg
	4,4'-DDT	0.10	U		0.10	ug/L	07/13/04	amg
	Methoxychlor	0.051	U		0.051	ug/L	07/13/04	amg
	Toxaphene	1.0	U		1.0	ug/L	07/13/04	amg
	Endrin aldehyde	0.10	U		0.10	ug/L	07/13/04	amg
	Technical Chlordane	0.51	U		0.51	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-9A
Date Sampled.....: 07/01/2004
Time Sampled.....: 08:45
Sample Matrix.....: Water

Laboratory Sample ID: 237960-4
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.51	U		0.51	ug/L	07/12/04	amg
	Aroclor 1221	0.51	U		0.51	ug/L	07/12/04	amg
	Aroclor 1232	0.51	U		0.51	ug/L	07/12/04	amg
	Aroclor 1242	0.51	U		0.51	ug/L	07/12/04	amg
	Aroclor 1248	0.51	U		0.51	ug/L	07/12/04	amg
	Aroclor 1254	1.0	U		1.0	ug/L	07/12/04	amg
	Aroclor 1260	1.0	U		1.0	ug/L	07/12/04	amg

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315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

Date: 07/20/2004

ATTN: Mark Schumacher

Laboratory Sample ID: 237960-5
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.053	U	4444	0.053	ug/L	07/13/04	amg
	beta-BHC	0.053	U	4444	0.053	ug/L	07/13/04	amg
	delta-BHC	0.053	U	4444	0.053	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.053	U	4444	0.053	ug/L	07/13/04	amg
	Heptachlor	0.053	U	4444	0.053	ug/L	07/13/04	amg
	Aldrin	0.053	U	4444	0.053	ug/L	07/13/04	amg
	Heptachlor epoxide	0.053	U	4444	0.053	ug/L	07/13/04	amg
	Endosulfan I	0.11	E	4444	0.11	ug/L	07/13/04	amg
	Dieldrin	0.11	E	4444	0.11	ug/L	07/13/04	amg
	4,4'-DDE	0.11	E	4444	0.11	ug/L	07/13/04	amg
	Endrin	0.11	E	4444	0.11	ug/L	07/13/04	amg
	Endosulfan II	0.11	E	4444	0.11	ug/L	07/13/04	amg
	4,4'-DDD	0.11	E	4444	0.11	ug/L	07/13/04	amg
	Endosulfan sulfate	0.11	E	4444	0.11	ug/L	07/13/04	amg
	4,4'-DDT	0.11	E	4444	0.11	ug/L	07/13/04	amg
	Methoxychlor	0.053	E	4444	0.053	ug/L	07/13/04	amg
	Toxaphene	1.1	E	4444	1.1	ug/L	07/13/04	amg
	Endrin aldehyde	0.11	E	4444	0.11	ug/L	07/13/04	amg
	Technical Chlordane	0.53	E	4444	0.53	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Customer Sample ID: MW-98
Date Sampled.....: 07/01/2004
Time Sampled.....: 10:30
Sample Matrix.....: Water

Laboratory Sample ID: 237960-5
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.53	U	44444444	0.53	ug/L	07/13/04	amg
	Aroclor 1221	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1232	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1242	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1248	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1254	1.1	U		1.1	ug/L	07/13/04	amg
	Aroclor 1260	1.1	U		1.1	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGrayted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-5
Date Sampled.....: 07/01/2004
Time Sampled.....: 10:40
Sample Matrix.....: Water

Laboratory Sample ID: 237960-6
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SH846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	beta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	delta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor	0.053	U		0.053	ug/L	07/13/04	amg
	Aldrin	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor epoxide	0.053	U		0.053	ug/L	07/13/04	amg
	Endosulfan I	0.11	U		0.11	ug/L	07/13/04	amg
	Dieldrin	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDE	0.11	U		0.11	ug/L	07/13/04	amg
	Endrin	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan II	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDD	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan sulfate	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDT	0.11	U		0.11	ug/L	07/13/04	amg
	Methoxychlor	0.053	U		0.053	ug/L	07/13/04	amg
	Toxaphene	1.1	U		1.1	ug/L	07/13/04	amg
	Endrin aldehyde	0.11	U		0.11	ug/L	07/13/04	amg
	Technical Chlordane	0.53	U		0.53	ug/L	07/13/04	amg

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER D310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-5
Date Sampled.....: 07/01/2004
Time Sampled.....: 10:40
Sample Matrix.....: Water

Laboratory Sample ID: 237960-6
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1221	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1232	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1242	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1248	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1254	1.1	U		1.1	ug/L	07/13/04	amg
	Aroclor 1260	1.1	U		1.1	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-10
Date Sampled.....: 07/01/2004
Time Sampled.....: 11:20
Sample Matrix.....: Water

Laboratory Sample ID: 237960-7
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	beta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	delta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor	0.053	U		0.053	ug/L	07/13/04	amg
	Aldrin	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor epoxide	0.053	U		0.053	ug/L	07/13/04	amg
	Endosulfan I	0.11	U		0.11	ug/L	07/13/04	amg
	Dieldrin	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDE	0.11	U		0.11	ug/L	07/13/04	amg
	Endrin	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan II	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDD	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan sulfate	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDT	0.11	U		0.11	ug/L	07/13/04	amg
	Methoxychlor	0.053	U		0.053	ug/L	07/13/04	amg
	Toxaphene	1.1	U		1.1	ug/L	07/13/04	amg
	Endrin aldehyde	0.11	U		0.11	ug/L	07/13/04	amg
	Technical Chlordane	0.53	U		0.53	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-10
Date Sampled.....: 07/01/2004
Time Sampled.....: 11:20
Sample Matrix.....: Water

Laboratory Sample ID: 237960-7
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1221	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1232	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1242	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1248	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1254	1.1	U		1.1	ug/L	07/13/04	amg
	Aroclor 1260	1.1	U		1.1	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
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Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGrayted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-6A
Date Sampled.....: 07/01/2004
Time Sampled.....: 13:10
Sample Matrix.....: Water

Laboratory Sample ID: 237960-8
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.056	U	h	0.056	ug/L	07/13/04	amg
	beta-BHC	0.056	U	h	0.056	ug/L	07/13/04	amg
	delta-BHC	0.056	U	h	0.056	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.056	U	h	0.056	ug/L	07/13/04	amg
	Heptachlor	0.056	U	h	0.056	ug/L	07/13/04	amg
	Aldrin	0.056	U	h	0.056	ug/L	07/13/04	amg
	Heptachlor epoxide	0.056	U	h	0.056	ug/L	07/13/04	amg
	Endosulfan I	0.11	U	h	0.11	ug/L	07/13/04	amg
	Dieldrin	0.11	U	h	0.11	ug/L	07/13/04	amg
	4,4'-DDE	0.11	U	h	0.11	ug/L	07/13/04	amg
	Endrin	0.11	U	h	0.11	ug/L	07/13/04	amg
	Endosulfan II	0.11	U	h	0.11	ug/L	07/13/04	amg
	4,4'-DDD	0.11	U	h	0.11	ug/L	07/13/04	amg
	Endosulfan sulfate	0.11	U	h	0.11	ug/L	07/13/04	amg
	4,4'-DDT	0.11	U	h	0.11	ug/L	07/13/04	amg
	Methoxychlor	0.056	U	h	0.056	ug/L	07/13/04	amg
	Toxaphene	1.1	U	h	1.1	ug/L	07/13/04	amg
	Endrin aldehyde	0.11	U	h	0.11	ug/L	07/13/04	amg
	Technical Chlordane	0.56	U	h	0.56	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-6A
Date Sampled.....: 07/01/2004
Time Sampled.....: 13:10
Sample Matrix.....: Water

Laboratory Sample ID: 237960-8
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.56	U	hkh	0.56	ug/L	07/13/04	amg
	Aroclor 1221	0.56	U	hkh	0.56	ug/L	07/13/04	amg
	Aroclor 1232	0.56	U	hkh	0.56	ug/L	07/13/04	amg
	Aroclor 1242	0.56	U	hkh	0.56	ug/L	07/13/04	amg
	Aroclor 1248	0.56	U	hkh	0.56	ug/L	07/13/04	amg
	Aroclor 1254	1.1	U	hkh	1.1	ug/L	07/13/04	amg
	Aroclor 1260	1.1	U	hkh	1.1	ug/L	07/13/04	amg

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Tel (845) 562-0890
Fax (845) 562-0841

Date: 07/20/2004

ATTN: Mark Schumacher

Laboratory Sample ID: 237960-9
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.053	U	1	0.053	ug/L	07/13/04	amg
	beta-BHC	0.053	U	1	0.053	ug/L	07/13/04	amg
	delta-BHC	0.053	U	1	0.053	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.053	U	1	0.053	ug/L	07/13/04	amg
	Heptachlor	0.053	U	1	0.053	ug/L	07/13/04	amg
	Aldrin	0.053	U	1	0.053	ug/L	07/13/04	amg
	Heptachlor epoxide	0.053	U	1	0.053	ug/L	07/13/04	amg
	Endosulfan I	0.11	U	1	0.11	ug/L	07/13/04	amg
	Dieldrin	0.11	U	1	0.11	ug/L	07/13/04	amg
	4,4'-DDE	0.11	U	1	0.11	ug/L	07/13/04	amg
	Endrin	0.11	U	1	0.11	ug/L	07/13/04	amg
	Endosulfan II	0.11	U	1	0.11	ug/L	07/13/04	amg
	4,4'-DDD	0.11	U	1	0.11	ug/L	07/13/04	amg
	Endosulfan sulfate	0.11	U	1	0.11	ug/L	07/13/04	amg
	4,4'-DDT	0.11	U	1	0.11	ug/L	07/13/04	amg
	Methoxychlor	0.053	U	1	0.053	ug/L	07/13/04	amg
	Toxaphene	1.1	U	1	1.1	ug/L	07/13/04	amg
	Endrin aldehyde	0.11	U	1	0.11	ug/L	07/13/04	amg
	Technical Chlordane	0.53	U	1	0.53	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-6B
Date Sampled.....: 07/01/2004
Time Sampled.....: 13:35
Sample Matrix.....: Water

Laboratory Sample ID: 237960-9
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SWB46 8082	PCB Analysis							
	Aroclor 1016	0.53	U	METHANOL	0.53	ug/L	07/13/04	amg
	Aroclor 1221	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1232	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1242	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1248	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1254	1.1	U		1.1	ug/L	07/13/04	amg
	Aroclor 1260	1.1	U		1.1	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 662-0890
Fax (845) 662-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: W-1S
Date Sampled.....: 07/01/2004
Time Sampled.....: 16:15
Sample Matrix.....: Water

Laboratory Sample ID: 237960-10
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	beta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	delta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor	0.053	U		0.053	ug/L	07/13/04	amg
	Aldrin	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor epoxide	0.053	U		0.053	ug/L	07/13/04	amg
	Endosulfan I	0.11	U		0.11	ug/L	07/13/04	amg
	Dieldrin	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDE	0.11	U		0.11	ug/L	07/13/04	amg
	Endrin	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan II	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDD	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan sulfate	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDT	0.11	U		0.11	ug/L	07/13/04	amg
	Methoxychlor	0.053	U		0.053	ug/L	07/13/04	amg
	Toxaphene	1.1	U		1.1	ug/L	07/13/04	amg
	Endrin aldehyde	0.11	U		0.11	ug/L	07/13/04	amg
	Technical Chlordane	0.53	U		0.53	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: W-1S
Date Sampled.....: 07/01/2004
Time Sampled.....: 16:15
Sample Matrix.....: Water

Laboratory Sample ID: 237960-10
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1221	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1232	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1242	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1248	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1254	1.1	U		1.1	ug/L	07/13/04	amg
	Aroclor 1260	1.1	U		1.1	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-13
Date Sampled.....: 07/01/2004
Time Sampled.....: 13:10
Sample Matrix.....: Water

Laboratory Sample ID: 237960-11
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 80B1A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	beta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	delta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor	0.053	U		0.053	ug/L	07/13/04	amg
	Aldrin	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor epoxide	0.053	U		0.053	ug/L	07/13/04	amg
	Endosulfan I	0.11	U		0.11	ug/L	07/13/04	amg
	Dieldrin	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDE	0.11	U		0.11	ug/L	07/13/04	amg
	Endrin	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan II	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDD	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan sulfate	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDT	0.11	U		0.11	ug/L	07/13/04	amg
	Methoxychlor	0.053	U		0.053	ug/L	07/13/04	amg
	Toxaphene	1.1	U		1.1	ug/L	07/13/04	amg
	Endrin aldehyde	0.11	U		0.11	ug/L	07/13/04	amg
	Technical Chlordane	0.53	U		0.53	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-13
Date Sampled.....: 07/01/2004
Time Sampled.....: 13:10
Sample Matrix.....: Water

Laboratory Sample ID: 237960-11
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1221	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1232	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1242	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1248	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1254	1.1	U		1.1	ug/L	07/13/04	amg
	Aroclor 1260	1.1	U		1.1	ug/L	07/13/04	amg

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: W-2S
Date Sampled.....: 07/01/2004
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 237960-12
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	beta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	delta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor	0.053	U		0.053	ug/L	07/13/04	amg
	Aldrin	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor epoxide	0.053	U		0.053	ug/L	07/13/04	amg
	Endosulfan I	0.11	U		0.11	ug/L	07/13/04	amg
	Dieldrin	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDE	0.11	U		0.11	ug/L	07/13/04	amg
	Endrin	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan II	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDD	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan sulfate	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDT	0.11	U		0.11	ug/L	07/13/04	amg
	Methoxychlor	0.053	U		0.053	ug/L	07/13/04	amg
	Toxaphene	1.1	U		1.1	ug/L	07/13/04	amg
	Endrin aldehyde	0.11	U		0.11	ug/L	07/13/04	amg
	Technical Chlordane	0.53	U		0.53	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: W-2S
Date Sampled.....: 07/01/2004
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 237960-12
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1221	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1232	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1242	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1248	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1254	1.1	U		1.1	ug/L	07/13/04	amg
	Aroclor 1260	1.1	U		1.1	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGrayted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-7
Date Sampled.....: 06/30/2004
Time Sampled.....: 11:40
Sample Matrix.....: Water

Laboratory Sample ID: 237960-13
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.051	U		0.051	ug/L	07/13/04	amg
	beta-BHC	0.051	U		0.051	ug/L	07/13/04	amg
	delta-BHC	0.051	U		0.051	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.051	U		0.051	ug/L	07/13/04	amg
	Heptachlor	0.051	U		0.051	ug/L	07/13/04	amg
	Aldrin	0.051	U		0.051	ug/L	07/13/04	amg
	Heptachlor epoxide	0.10	U		0.10	ug/L	07/13/04	amg
	Endosulfan I	0.10	U		0.10	ug/L	07/13/04	amg
	Dieldrin	0.10	U		0.10	ug/L	07/13/04	amg
	4,4'-DDE	0.10	U		0.10	ug/L	07/13/04	amg
	Endrin	0.10	U		0.10	ug/L	07/13/04	amg
	Endosulfan II	0.10	U		0.10	ug/L	07/13/04	amg
	4,4'-DDD	0.10	U		0.10	ug/L	07/13/04	amg
	Endosulfan sulfate	0.10	U		0.10	ug/L	07/13/04	amg
	4,4'-DDT	0.051	U		0.051	ug/L	07/13/04	amg
	Methoxychlor	1.0	U		1.0	ug/L	07/13/04	amg
	Toxaphene	0.10	U		0.10	ug/L	07/13/04	amg
	Endrin aldehyde	0.51	U		0.51	ug/L	07/13/04	amg
	Technical Chlordane							

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-7
Date Sampled.....: 06/30/2004
Time Sampled.....: 11:40
Sample Matrix.....: Water

Laboratory Sample ID: 237960-13
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.51	U		0.51	ug/L	07/13/04	amg
	Aroclor 1221	0.51	U		0.51	ug/L	07/13/04	amg
	Aroclor 1232	0.51	U		0.51	ug/L	07/13/04	amg
	Aroclor 1242	0.51	U		0.51	ug/L	07/13/04	amg
	Aroclor 1248	0.51	U		0.51	ug/L	07/13/04	amg
	Aroclor 1254	1.0	U		1.0	ug/L	07/13/04	amg
	Aroclor 1260	1.0	U		1.0	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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315 Fullerton Avenue
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Fax (845) 662-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-3N
Date Sampled.....: 06/30/2004
Time Sampled.....: 13:10
Sample Matrix.....: Water

Laboratory Sample ID: 237960-14
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	beta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	delta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor	0.053	U		0.053	ug/L	07/13/04	amg
	Aldrin	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor epoxide	0.053	U		0.053	ug/L	07/13/04	amg
	Endosulfan I	0.11	U		0.11	ug/L	07/13/04	amg
	Dieldrin	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDE	0.11	U		0.11	ug/L	07/13/04	amg
	Endrin	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan II	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDD	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan sulfate	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDT	0.11	U		0.11	ug/L	07/13/04	amg
	Methoxychlor	0.053	U		0.053	ug/L	07/13/04	amg
	Toxaphene	1.1	U		1.1	ug/L	07/13/04	amg
	Endrin aldehyde	0.11	U		0.11	ug/L	07/13/04	amg
	Technical Chlordane	0.53	U		0.53	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-3N
Date Sampled.....: 06/30/2004
Time Sampled.....: 13:10
Sample Matrix.....: Water

Laboratory Sample ID: 237960-14
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1221	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1232	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1242	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1248	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1254	1.1	U		1.1	ug/L	07/13/04	amg
	Aroclor 1260	1.1	U		1.1	ug/L	07/13/04	amg

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-8B
Date Sampled.....: 06/30/2004
Time Sampled.....: 15:10
Sample Matrix.....: Water

Laboratory Sample ID: 237960-15
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	beta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	delta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor	0.053	U		0.053	ug/L	07/13/04	amg
	Aldrin	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor epoxide	0.053	U		0.053	ug/L	07/13/04	amg
	Endosulfan I	0.11	U		0.11	ug/L	07/13/04	amg
	Dieldrin	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDE	0.11	U		0.11	ug/L	07/13/04	amg
	Endrin	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan II	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDD	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan sulfate	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDT	0.11	U		0.11	ug/L	07/13/04	amg
	Methoxychlor	0.053	U		0.053	ug/L	07/13/04	amg
	Toxaphene	1.1	U		1.1	ug/L	07/13/04	amg
	Endrin aldehyde	0.11	U		0.11	ug/L	07/13/04	amg
	Technical Chlordane	0.53	U		0.53	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-8B
Date Sampled.....: 06/30/2004
Time Sampled.....: 15:10
Sample Matrix.....: Water

Laboratory Sample ID: 237960-15
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1221	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1232	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1242	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1248	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1254	1.1	U		1.1	ug/L	07/13/04	amg
	Aroclor 1260	1.1	U		1.1	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: Integreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-8A
Date Sampled.....: 06/30/2004
Time Sampled.....: 16:20
Sample Matrix.....: Water

Laboratory Sample ID: 237960-16
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	beta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	delta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor	0.053	U		0.053	ug/L	07/13/04	amg
	Aldrin	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor epoxide	0.053	U		0.053	ug/L	07/13/04	amg
	Endosulfan I	0.11	U		0.11	ug/L	07/13/04	amg
	Dieldrin	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDE	0.11	U		0.11	ug/L	07/13/04	amg
	Endrin	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan II	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDD	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan sulfate	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDT	0.11	U		0.11	ug/L	07/13/04	amg
	Methoxychlor	0.053	U		0.053	ug/L	07/13/04	amg
	Toxaphene	1.1	U		1.1	ug/L	07/13/04	amg
	Endrin aldehyde	0.11	U		0.11	ug/L	07/13/04	amg
	Technical Chlordane	0.53	U		0.53	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-8A
Date Sampled.....: 06/30/2004
Time Sampled.....: 16:20
Sample Matrix.....: Water

Laboratory Sample ID: 237960-16
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.52	U		0.52	ug/L	07/13/04	amg
	Aroclor 1221	0.52	U		0.52	ug/L	07/13/04	amg
	Aroclor 1232	0.52	U		0.52	ug/L	07/13/04	amg
	Aroclor 1242	0.52	U		0.52	ug/L	07/13/04	amg
	Aroclor 1248	0.52	U		0.52	ug/L	07/13/04	amg
	Aroclor 1254	1.0	U		1.0	ug/L	07/13/04	amg
	Aroclor 1260	1.0	U		1.0	ug/L	07/13/04	amg

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-2N
Date Sampled.....: 06/30/2004
Time Sampled.....: 17:10
Sample Matrix.....: Water

Laboratory Sample ID: 237960-17
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.054	U		0.054	ug/L	07/13/04	amg
	beta-BHC	0.054	U		0.054	ug/L	07/13/04	amg
	delta-BHC	0.054	U		0.054	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.054	U		0.054	ug/L	07/13/04	amg
	Heptachlor	0.054	U		0.054	ug/L	07/13/04	amg
	Aldrin	0.054	U		0.054	ug/L	07/13/04	amg
	Heptachlor epoxide	0.054	U		0.054	ug/L	07/13/04	amg
	Endosulfan I	0.11	U		0.11	ug/L	07/13/04	amg
	Dieldrin	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDE	0.11	U		0.11	ug/L	07/13/04	amg
	Endrin	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan II	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDD	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan sulfate	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDT	0.11	U		0.11	ug/L	07/13/04	amg
	Methoxychlor	0.054	U		0.054	ug/L	07/13/04	amg
	Toxaphene	1.1	U		1.1	ug/L	07/13/04	amg
	Endrin aldehyde	0.11	U		0.11	ug/L	07/13/04	amg
	Technical Chlordane	0.54	U		0.54	ug/L	07/13/04	amg

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER-0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-2N
Date Sampled.....: 06/30/2004
Time Sampled.....: 17:10
Sample Matrix.....: Water

Laboratory Sample ID: 237960-17
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.54	U		0.54	ug/L	07/13/04	amg
	Aroclor 1221	0.54	U		0.54	ug/L	07/13/04	amg
	Aroclor 1232	0.54	U		0.54	ug/L	07/13/04	amg
	Aroclor 1242	0.54	U		0.54	ug/L	07/13/04	amg
	Aroclor 1248	0.54	U		0.54	ug/L	07/13/04	amg
	Aroclor 1254	1.1	U		1.1	ug/L	07/13/04	amg
	Aroclor 1260	1.1	U		1.1	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: FB
Date Sampled.....: 06/30/2004
Time Sampled.....: 16:30
Sample Matrix.....: Water

Laboratory Sample ID: 237960-18
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	beta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	delta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor	0.053	U		0.053	ug/L	07/13/04	amg
	Aldrin	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor epoxide	0.053	U		0.053	ug/L	07/13/04	amg
	Endosulfan I	0.11	U		0.11	ug/L	07/13/04	amg
	Dieldrin	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDE	0.11	U		0.11	ug/L	07/13/04	amg
	Endrin	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan II	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDD	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan sulfate	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDT	0.11	U		0.11	ug/L	07/13/04	amg
	Methoxychlor	0.053	U		0.053	ug/L	07/13/04	amg
	Toxaphene	1.1	U		1.1	ug/L	07/13/04	amg
	Endrin aldehyde	0.11	U		0.11	ug/L	07/13/04	amg
	Technical Chlordane	0.53	U		0.53	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: FB
Date Sampled.....: 06/30/2004
Time Sampled.....: 16:30
Sample Matrix.....: Water

Laboratory Sample ID: 237960-18
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1221	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1232	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1242	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1248	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1254	1.1	U		1.1	ug/L	07/13/04	amg
	Aroclor 1260	1.1	U		1.1	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-11A
Date Sampled.....: 06/30/2004
Time Sampled.....: 10:20
Sample Matrix.....: Water

Laboratory Sample ID: 237960-19
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.050	U		0.050	ug/L	07/13/04	amg
	beta-BHC	0.050	U		0.050	ug/L	07/13/04	amg
	delta-BHC	0.050	U		0.050	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.050	U		0.050	ug/L	07/13/04	amg
	Heptachlor	0.050	U		0.050	ug/L	07/13/04	amg
	Aldrin	0.050	U		0.050	ug/L	07/13/04	amg
	Heptachlor epoxide	0.050	U		0.050	ug/L	07/13/04	amg
	Endosulfan I	0.10	U		0.10	ug/L	07/13/04	amg
	Dieldrin	0.10	U		0.10	ug/L	07/13/04	amg
	4,4'-DDE	0.10	U		0.10	ug/L	07/13/04	amg
	Endrin	0.10	U		0.10	ug/L	07/13/04	amg
	Endosulfan II	0.10	U		0.10	ug/L	07/13/04	amg
	4,4'-DDD	0.10	U		0.10	ug/L	07/13/04	amg
	Endosulfan sulfate	0.10	U		0.10	ug/L	07/13/04	amg
	4,4'-DDT	0.10	U		0.10	ug/L	07/13/04	amg
	Methoxychlor	0.050	U		0.050	ug/L	07/13/04	amg
	Toxaphene	1.0	U		1.0	ug/L	07/13/04	amg
	Endrin aldehyde	0.10	U		0.10	ug/L	07/13/04	amg
	Technical Chlordane	0.50	U		0.50	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-11A
Date Sampled.....: 06/30/2004
Time Sampled.....: 10:20
Sample Matrix.....: Water

Laboratory Sample ID: 237960-19
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.50	U		0.50	ug/L	07/13/04	amg
	Aroclor 1221	0.50	U		0.50	ug/L	07/13/04	amg
	Aroclor 1232	0.50	U		0.50	ug/L	07/13/04	amg
	Aroclor 1242	0.50	U		0.50	ug/L	07/13/04	amg
	Aroclor 1248	0.50	U		0.50	ug/L	07/13/04	amg
	Aroclor 1254	1.0	U		1.0	ug/L	07/13/04	amg
	Aroclor 1260	1.0	U		1.0	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGrayted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-11B
Date Sampled.....: 06/30/2004
Time Sampled.....: 13:00
Sample Matrix.....: Water

Laboratory Sample ID: 237960-20
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SWB46 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.050	U		0.050	ug/L	07/13/04	amg
	beta-BHC	0.050	U		0.050	ug/L	07/13/04	amg
	delta-BHC	0.050	U		0.050	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.050	U		0.050	ug/L	07/13/04	amg
	Heptachlor	0.050	U		0.050	ug/L	07/13/04	amg
	Aldrin	0.050	U		0.050	ug/L	07/13/04	amg
	Heptachlor epoxide	0.050	U		0.050	ug/L	07/13/04	amg
	Endosulfan I	0.10	U		0.10	ug/L	07/13/04	amg
	Dieldrin	0.10	U		0.10	ug/L	07/13/04	amg
	4,4'-DDE	0.10	U		0.10	ug/L	07/13/04	amg
	Endrin	0.10	U		0.10	ug/L	07/13/04	amg
	Endosulfan II	0.10	U		0.10	ug/L	07/13/04	amg
	4,4'-DDD	0.10	U		0.10	ug/L	07/13/04	amg
	Endosulfan sulfate	0.10	U		0.10	ug/L	07/13/04	amg
	4,4'-DDT	0.10	U		0.10	ug/L	07/13/04	amg
	Methoxychlor	0.050	U		0.050	ug/L	07/13/04	amg
	Toxaphene	1.0	U		1.0	ug/L	07/13/04	amg
	Endrin aldehyde	0.10	U		0.10	ug/L	07/13/04	amg
	Technical Chlordane	0.50	U		0.50	ug/L	07/13/04	amg

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-11B
Date Sampled.....: 06/30/2004
Time Sampled.....: 13:00
Sample Matrix.....: Water

Laboratory Sample ID: 237960-20
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1221	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1232	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1242	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1248	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1254	1.1	U		1.1	ug/L	07/13/04	amg
	Aroclor 1260	1.1	U		1.1	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: W-3S
Date Sampled.....: 07/01/2004
Time Sampled.....: 13:00
Sample Matrix.....: Water

Laboratory Sample ID: 237960-21
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.053		U	0.053	ug/L	07/13/04	amg
	beta-BHC	0.053		U	0.053	ug/L	07/13/04	amg
	delta-BHC	0.053		U	0.053	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.053		U	0.053	ug/L	07/13/04	amg
	Heptachlor	0.053		U	0.053	ug/L	07/13/04	amg
	Aldrin	0.053		U	0.053	ug/L	07/13/04	amg
	Heptachlor epoxide	0.053		U	0.053	ug/L	07/13/04	amg
	Endosulfan I	0.11		U	0.11	ug/L	07/13/04	amg
	Dieldrin	0.11		U	0.11	ug/L	07/13/04	amg
	4,4'-DDE	0.11		U	0.11	ug/L	07/13/04	amg
	Endrin	0.11		U	0.11	ug/L	07/13/04	amg
	Endosulfan II	0.11		U	0.11	ug/L	07/13/04	amg
	4,4'-DDD	0.11		U	0.11	ug/L	07/13/04	amg
	Endosulfan sulfate	0.11		U	0.11	ug/L	07/13/04	amg
	4,4'-DDT	0.11		U	0.11	ug/L	07/13/04	amg
	Methoxychlor	0.053		U	0.053	ug/L	07/13/04	amg
	Toxaphene	1.1		U	1.1	ug/L	07/13/04	amg
	Endrin aldehyde	0.11		U	0.11	ug/L	07/13/04	amg
	Technical Chlordane	0.53		U	0.53	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: W-3S
Date Sampled.....: 07/01/2004
Time Sampled.....: 13:00
Sample Matrix.....: Water

Laboratory Sample ID: 237960-21
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1221	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1232	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1242	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1248	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1254	1.1	U		1.1	ug/L	07/13/04	amg
	Aroclor 1260	1.1	U		1.1	ug/L	07/13/04	amg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-12
Date Sampled.....: 06/30/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 237960-23
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	beta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	delta-BHC	0.053	U		0.053	ug/L	07/13/04	amg
	gamma-BHC (Lindane)	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor	0.053	U		0.053	ug/L	07/13/04	amg
	Aldrin	0.053	U		0.053	ug/L	07/13/04	amg
	Heptachlor epoxide	0.053	U		0.053	ug/L	07/13/04	amg
	Endosulfan I	0.11	U		0.11	ug/L	07/13/04	amg
	Dieldrin	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDE	0.11	U		0.11	ug/L	07/13/04	amg
	Endrin	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan II	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDD	0.11	U		0.11	ug/L	07/13/04	amg
	Endosulfan sulfate	0.11	U		0.11	ug/L	07/13/04	amg
	4,4'-DDT	0.11	U		0.11	ug/L	07/13/04	amg
	Methoxychlor	0.053	U		0.053	ug/L	07/13/04	amg
	Toxaphene	1.1	U		1.1	ug/L	07/13/04	amg
	Endrin aldehyde	0.11	U		0.11	ug/L	07/13/04	amg
	Technical Chlordane	0.53	U		0.53	ug/L	07/13/04	amg

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/20/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-12
Date Sampled.....: 06/30/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 237960-23
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8082	PCB Analysis							
	Aroclor 1016	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1221	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1232	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1242	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1248	0.53	U		0.53	ug/L	07/13/04	amg
	Aroclor 1254	1.1	U		1.1	ug/L	07/13/04	amg
	Aroclor 1260	1.1	U		1.1	ug/L	07/13/04	amg

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Tel (845) 562-0890
Fax (845) 562-0841

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0340025P

ATTN: Mark Schumacher

Customer Sample ID: MW-4A
 Date Sampled.....: 06/30/2004
 Time Sampled.....: 15:00
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-1
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	7.4	B		1.9	10.0	1	ug/L		07/15/04	mad
	Barium (Ba)	133	B		0.40	200	1	ug/L		07/15/04	mad
	Beryllium (Be)	2.4	B		0.30	5.0	1	ug/L		07/15/04	mad
	Cadmium (Cd)	1.6	B		0.40	5.0	1	ug/L		07/15/04	mad
	Chromium (Cr)	5.5	B		0.60	10.0	1	ug/L		07/15/04	mad
	Cobalt (Co)	6.2	B		2.5	50.0	1	ug/L		07/15/04	mad
	Copper (Cu)	8.4	B		1.6	25.0	1	ug/L		07/15/04	mad
	Iron (Fe)	14200		N J	18.9	100	1	ug/L		07/16/04	mad
	Lead (Pb)	7.3			1.1	5.0	1	ug/L		07/15/04	mad
	Nickel (Ni)	6.0	B		1.7	40.0	1	ug/L		07/15/04	mad
	Selenium (Se)	18.5			8.7	10.0	1	ug/L		07/15/04	mad
	Silver (Ag)	2.2	U	N J	2.2	10.0	1	ug/L		07/15/04	mad
	Vanadium (V)	4.2	B		2.3	50.0	1	ug/L		07/15/04	mad
	Zinc (Zn)	13.9	B		3.9	20.0	1	ug/L		07/15/04	mad

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Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-4B
 Date Sampled.....: 06/30/2004
 Time Sampled.....: 17:45
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-2
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	18.3	B		3.8	20.0	2.000	ug/L		07/15/04	mad
	Barium (Ba)	27.3	B		0.80	400	2.000	ug/L		07/15/04	mad
	Beryllium (Be)	3.0	B		0.60	10.0	2.000	ug/L		07/15/04	mad
	Cadmium (Cd)	1.1	B		0.80	10.0	2.000	ug/L		07/15/04	mad
	Chromium (Cr)	4.9	B		1.2	20.0	2.000	ug/L		07/15/04	mad
	Cobalt (Co)	9.4	B		5.0	100	2.000	ug/L		07/15/04	mad
	Copper (Cu)	14.9	B		3.2	50.0	2.000	ug/L		07/15/04	mad
	Iron (Fe)	4870	B	NJ	37.8	200	2.000	ug/L		07/16/04	mad
	Lead (Pb)	5.8	B		2.2	10.0	2.000	ug/L		07/15/04	mad
	Nickel (Ni)	3.4	U		3.4	80.0	2.000	ug/L		07/15/04	mad
	Selenium (Se)	17.4	U		17.4	20.0	2.000	ug/L		07/15/04	mad
	Silver (Ag)	12.8	B	NJ	4.4	20.0	2.000	ug/L		07/15/04	mad
	Vanadium (V)	4.6	U		4.6	100	2.000	ug/L		07/15/04	mad
	Zinc (Zn)	29.7	B		7.8	40.0	2.000	ug/L		07/15/04	mad

* In Description = Dry Wgt.

001235

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-1N
 Date Sampled.....: 07/01/2004
 Time Sampled.....: 08:50
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-3
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	1.9	U		1.9	10.0	1	ug/L		07/15/04	mad
	Barium (Ba)	148	B		0.40	200	1	ug/L		07/15/04	mad
	Beryllium (Be)	0.79	B		0.30	5.0	1	ug/L		07/15/04	mad
	Cadmium (Cd)	0.40	U		0.40	5.0	1	ug/L		07/15/04	mad
	Chromium (Cr)	5.1	B		0.60	10.0	1	ug/L		07/15/04	mad
	Cobalt (Co)	4.5	B		2.5	50.0	1	ug/L		07/15/04	mad
	Copper (Cu)	2.8	B		1.6	25.0	1	ug/L		07/15/04	mad
	Iron (Fe)	21800		NJ	18.9	100	1	ug/L		07/16/04	mad
	Lead (Pb)	8.6			1.1	5.0	1	ug/L		07/15/04	mad
	Nickel (Ni)	2.3	B		1.7	40.0	1	ug/L		07/15/04	mad
	Selenium (Se)	10.6			8.7	10.0	1	ug/L		07/15/04	mad
	Silver (Ag)	2.2	U	NJ	2.2	10.0	1	ug/L		07/15/04	mad
	Vanadium (V)	2.3	U		2.3	50.0	1	ug/L		07/15/04	mad
	Zinc (Zn)	19.9	B		3.9	20.0	1	ug/L		07/15/04	mad

* In Description = Dry Wgt.

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-9A
 Date Sampled.....: 07/01/2004
 Time Sampled.....: 08:45
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-4
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	5.6	B		3.8	20.0	2.000	ug/L		07/15/04	mad
	Barium (Ba)	1170			0.80	400	2.000	ug/L		07/15/04	mad
	Beryllium (Be)	1.7	B		0.60	10.0	2.000	ug/L		07/15/04	mad
	Cadmium (Cd)	1.5	B		0.80	10.0	2.000	ug/L		07/15/04	mad
	Chromium (Cr)	3.8	B		1.2	20.0	2.000	ug/L		07/15/04	mad
	Cobalt (Co)	10.4	B		5.0	100	2.000	ug/L		07/15/04	mad
	Copper (Cu)	10.4	B		3.2	50.0	2.000	ug/L		07/15/04	mad
	Iron (Fe)	12700		N J	37.8	200	2.000	ug/L		07/16/04	mad
	Lead (Pb)	2.3	B		2.2	10.0	2.000	ug/L		07/15/04	mad
	Nickel (Ni)	5.4	B		3.4	80.0	2.000	ug/L		07/15/04	mad
	Selenium (Se)	17.4	U		17.4	20.0	2.000	ug/L		07/15/04	mad
	Silver (Ag)	7.2	B	N J	4.4	20.0	2.000	ug/L		07/15/04	mad
	Vanadium (V)	4.6	U		4.6	100	2.000	ug/L		07/15/04	mad
	Zinc (Zn)	107			7.8	40.0	2.000	ug/L		07/15/04	mad

* In Description = Dry Wgt.

001238

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-9B
 Date Sampled.....: 07/01/2004
 Time Sampled.....: 10:30
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-5
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	9.7	B		3.8	20.0	2.000	ug/L		07/15/04	mad
	Barium (Ba)	24.0	B		0.80	400	2.000	ug/L		07/15/04	mad
	Beryllium (Be)	2.1	B		0.60	10.0	2.000	ug/L		07/15/04	mad
	Cadmium (Cd)	0.80	U		0.80	10.0	2.000	ug/L		07/15/04	mad
	Chromium (Cr)	3.3	B		1.2	20.0	2.000	ug/L		07/15/04	mad
	Cobalt (Co)	8.2	B		5.0	100	2.000	ug/L		07/15/04	mad
	Copper (Cu)	13.5	B		3.2	50.0	2.000	ug/L		07/15/04	mad
	Iron (Fe)	7070		NJ	37.8	200	2.000	ug/L		07/16/04	mad
	Lead (Pb)	2.2	U		2.2	10.0	2.000	ug/L		07/15/04	mad
	Nickel (Ni)	3.4	U		3.4	80.0	2.000	ug/L		07/15/04	mad
	Selenium (Se)	17.4	U		17.4	20.0	2.000	ug/L		07/15/04	mad
	Silver (Ag)	10.3	B	NJ	4.4	20.0	2.000	ug/L		07/15/04	mad
	Vanadium (V)	4.6	U		4.6	100	2.000	ug/L		07/15/04	mad
	Zinc (Zn)	32.8	B		7.8	40.0	2.000	ug/L		07/15/04	mad

001239

* In Description = Dry Wgt.

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-5
 Date Sampled.....: 07/01/2004
 Time Sampled.....: 10:40
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-6
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	2.0	B		1.9	10.0	1	ug/L		07/15/04	mad
	Barium (Ba)	46.8	B		0.40	200	1	ug/L		07/15/04	mad
	Beryllium (Be)	0.30	U		0.30	5.0	1	ug/L		07/15/04	mad
	Cadmium (Cd)	0.40	U		0.40	5.0	1	ug/L		07/15/04	mad
	Chromium (Cr)	2.1	B		0.60	10.0	1	ug/L		07/15/04	mad
	Cobalt (Co)	2.7	B		2.5	50.0	1	ug/L		07/15/04	mad
	Copper (Cu)	1.7	B		1.6	25.0	1	ug/L		07/15/04	mad
	Iron (Fe)	716		NJ	18.9	100	1	ug/L		07/16/04	mad
	Lead (Pb)	1.1	U		1.1	5.0	1	ug/L		07/15/04	mad
	Nickel (Ni)	1.7	U		1.7	40.0	1	ug/L		07/15/04	mad
	Selenium (Se)	8.7	U		8.7	10.0	1	ug/L		07/15/04	mad
	Silver (Ag)	2.2	U	NJ	2.2	10.0	1	ug/L		07/15/04	mad
	Vanadium (V)	2.3	U		2.3	50.0	1	ug/L		07/15/04	mad
	Zinc (Zn)	8.3	B		3.9	20.0	1	ug/L		07/15/04	mad

* In Description = Dry Wgt.

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-10
 Date Sampled.....: 07/01/2004
 Time Sampled.....: 11:20
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-7
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	3.2	B		1.9	10.0	1	ug/L		07/15/04	mad
	Barium (Ba)	232			0.40	200	1	ug/L		07/15/04	mad
	Beryllium (Be)	0.30	U		0.30	5.0	1	ug/L		07/15/04	mad
	Cadmium (Cd)	0.40	U		0.40	5.0	1	ug/L		07/15/04	mad
	Chromium (Cr)	9.4	B		0.60	10.0	1	ug/L		07/15/04	mad
	Cobalt (Co)	5.2	B		2.5	50.0	1	ug/L		07/15/04	mad
	Copper (Cu)	9.1	B		1.6	25.0	1	ug/L		07/15/04	mad
	Iron (Fe)	12400		NJ	18.9	100	1	ug/L		07/16/04	mad
	Lead (Pb)	5.1			1.1	5.0	1	ug/L		07/15/04	mad
	Nickel (Ni)	27.0	B		1.7	40.0	1	ug/L		07/15/04	mad
	Selenium (Se)	8.7	U		8.7	10.0	1	ug/L		07/15/04	mad
	Silver (Ag)	2.2	U	NJ	2.2	10.0	1	ug/L		07/15/04	mad
	Vanadium (V)	4.4	B		2.3	50.0	1	ug/L		07/15/04	mad
	Zinc (Zn)	5160			3.9	20.0	1	ug/L		07/15/04	mad

* In Description = Dry Wgt.

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-6A
 Date Sampled.....: 07/01/2004
 Time Sampled.....: 13:10
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-8
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	7.2	B		1.9	10.0	1	ug/L		07/15/04	mad
	Barium (Ba)	60.6	B		0.40	200	1	ug/L		07/15/04	mad
	Beryllium (Be)	0.30	U		0.30	5.0	1	ug/L		07/15/04	mad
	Cadmium (Cd)	0.55	B		0.40	5.0	1	ug/L		07/15/04	mad
	Chromium (Cr)	85.6			0.60	10.0	1	ug/L		07/15/04	mad
	Cobalt (Co)	2.5	U		2.5	50.0	1	ug/L		07/15/04	mad
	Copper (Cu)	11.2	B		1.6	25.0	1	ug/L		07/15/04	mad
	Iron (Fe)	1550		N J	18.9	100	1	ug/L		07/16/04	mad
	Lead (Pb)	5.5			1.1	5.0	1	ug/L		07/15/04	mad
	Nickel (Ni)	6.0	B		1.7	40.0	1	ug/L		07/15/04	mad
	Selenium (Se)	9.6	B		8.7	10.0	1	ug/L		07/15/04	mad
	Silver (Ag)	2.2	U	N J	2.2	10.0	1	ug/L		07/15/04	mad
	Vanadium (V)	3.2	B		2.3	50.0	1	ug/L		07/15/04	mad
	Zinc (Zn)	43.9			3.9	20.0	1	ug/L		07/15/04	mad

* In Description = Dry Wgt.

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-6B
 Date Sampled.....: 07/01/2004
 Time Sampled.....: 13:35
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-9
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	5.7	B		1.9	10.0	1	ug/L		07/15/04	mad
	Barium (Ba)	27.7	B		0.40	200	1	ug/L		07/15/04	mad
	Beryllium (Be)	0.74	B		0.30	5.0	1	ug/L		07/15/04	mad
	Cadmium (Cd)	0.40	U		0.40	5.0	1	ug/L		07/15/04	mad
	Chromium (Cr)	2.5	B		0.60	10.0	1	ug/L		07/15/04	mad
	Cobalt (Co)	4.9	B		2.5	50.0	1	ug/L		07/15/04	mad
	Copper (Cu)	3.7	B		1.6	25.0	1	ug/L		07/15/04	mad
	Iron (Fe)	3030	B	NJ	18.9	100	1	ug/L		07/15/04	mad
	Lead (Pb)	1.6	B		1.1	5.0	1	ug/L		07/15/04	mad
	Nickel (Ni)	1.7	U		1.7	40.0	1	ug/L		07/15/04	mad
	Selenium (Se)	9.1	B		8.7	10.0	1	ug/L		07/15/04	mad
	Silver (Ag)	5.0	B	NJ	2.2	10.0	1	ug/L		07/15/04	mad
	Vanadium (V)	2.3	U		2.3	50.0	1	ug/L		07/15/04	mad
	Zinc (Zn)	10.8	B		3.9	20.0	1	ug/L		07/15/04	mad

* In Description = Dry Wgt.

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: W-1S
 Date Sampled.....: 07/01/2004
 Time Sampled.....: 16:15
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-10
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	1.9	U		1.9	10.0	1	ug/L		07/15/04	mad
	Barium (Ba)	126	B		0.40	200	1	ug/L		07/15/04	mad
	Beryllium (Be)	0.36	B		0.30	5.0	1	ug/L		07/15/04	mad
	Cadmium (Cd)	0.40	U		0.40	5.0	1	ug/L		07/15/04	mad
	Chromium (Cr)	2.8	B		0.60	10.0	1	ug/L		07/15/04	mad
	Cobalt (Co)	3.8	B		2.5	50.0	1	ug/L		07/15/04	mad
	Copper (Cu)	3.4	B		1.6	25.0	1	ug/L		07/15/04	mad
	Iron (Fe)	3100		NJ	18.9	100	1	ug/L		07/16/04	mad
	Lead (Pb)	3.9	B		1.1	5.0	1	ug/L		07/15/04	mad
	Nickel (Ni)	1.7	U		1.7	40.0	1	ug/L		07/15/04	mad
	Selenium (Se)	10.3			8.7	10.0	1	ug/L		07/15/04	mad
	Silver (Ag)	2.7	B	NJ	2.2	10.0	1	ug/L		07/15/04	mad
	Vanadium (V)	2.3	U		2.3	50.0	1	ug/L		07/15/04	mad
	Zinc (Zn)	16.4	B		3.9	20.0	1	ug/L		07/15/04	mad

* In Description = Dry Wgt.

001224

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-13
 Date Sampled.....: 07/01/2004
 Time Sampled.....: 13:10
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-11
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	28.1	B		9.5	50.0	5.000	ug/L		07/15/04	mad
	Barium (Ba)	73.8	B		2.0	1000	5.000	ug/L		07/15/04	mad
	Beryllium (Be)	5.2	B		1.5	25.0	5.000	ug/L		07/15/04	mad
	Cadmium (Cd)	2.0	U		2.0	25.0	5.000	ug/L		07/15/04	mad
	Chromium (Cr)	10.0	B		3.0	50.0	5.000	ug/L		07/15/04	mad
	Cobalt (Co)	21.9	B		12.5	250	5.000	ug/L		07/15/04	mad
	Copper (Cu)	31.8	B		8.0	125	5.000	ug/L		07/15/04	mad
	Iron (Fe)	17100		NJ	94.5	500	5.000	ug/L		07/16/04	mad
	Lead (Pb)	11.2	B		5.5	25.0	5.000	ug/L		07/15/04	mad
	Nickel (Ni)	8.5	U		8.5	200	5.000	ug/L		07/15/04	mad
	Selenium (Se)	49.0	B		43.5	50.0	5.000	ug/L		07/15/04	mad
	Silver (Ag)	28.1	B	NJ	11.0	50.0	5.000	ug/L		07/15/04	mad
	Vanadium (V)	11.5	U		11.5	250	5.000	ug/L		07/15/04	mad
	Zinc (Zn)	111			19.5	100	5.000	ug/L		07/15/04	mad

* In Description = Dry Wgt.

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: W-2S
 Date Sampled.....: 07/01/2004
 Time Sampled.....: 15:00
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-12
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	3.8	U		3.8	20.0	2.000	ug/L		07/15/04	mad
	Barium (Ba)	2350			0.80	400	2.000	ug/L		07/15/04	mad
	Beryllium (Be)	1.3	B		0.60	10.0	2.000	ug/L		07/15/04	mad
	Cadmium (Cd)	0.80	U		0.80	10.0	2.000	ug/L		07/15/04	mad
	Chromium (Cr)	4.2	B		1.2	20.0	2.000	ug/L		07/15/04	mad
	Cobalt (Co)	8.1	B		5.0	100	2.000	ug/L		07/15/04	mad
	Copper (Cu)	12.0	B		3.2	50.0	2.000	ug/L		07/15/04	mad
	Iron (Fe)	16600		NJ	37.8	200	2.000	ug/L		07/16/04	mad
	Lead (Pb)	2.2	U		2.2	10.0	2.000	ug/L		07/15/04	mad
	Nickel (Ni)	3.4	U		3.4	80.0	2.000	ug/L		07/15/04	mad
	Selenium (Se)	17.4	U		17.4	20.0	2.000	ug/L		07/15/04	mad
	Silver (Ag)	7.9	B	NJ	4.4	20.0	2.000	ug/L		07/15/04	mad
	Vanadium (V)	4.6	U		4.6	100	2.000	ug/L		07/15/04	mad
	Zinc (Zn)	37.4	B		7.8	40.0	2.000	ug/L		07/15/04	mad

* In Description = Dry Wgt.

0012346

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-7
 Date Sampled.....: 06/30/2004
 Time Sampled.....: 11:40
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-13
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	4.9	B		3.8	20.0	2	ug/L		07/15/04	mad
	Barium (Ba)	29.5	B		0.80	400	2	ug/L		07/15/04	mad
	Beryllium (Be)	1.3	B		0.60	10.0	2	ug/L		07/15/04	mad
	Cadmium (Cd)	0.80	U		0.80	10.0	2	ug/L		07/15/04	mad
	Chromium (Cr)	5.4	B		1.2	20.0	2	ug/L		07/15/04	mad
	Cobalt (Co)	10	B		5.0	100	2	ug/L		07/15/04	mad
	Copper (Cu)	15.2	B		3.2	50.0	2	ug/L		07/15/04	mad
	Iron (Fe)	6070		NJ	37.8	200	2.000	ug/L		07/15/04	mad
	Lead (Pb)	2.2	U		2.2	10.0	2	ug/L		07/15/04	mad
	Nickel (Ni)	3.4	U		3.4	80.0	2	ug/L		07/15/04	mad
	Selenium (Se)	17.4	U		17.4	20.0	2	ug/L		07/15/04	mad
	Silver (Ag)	8.0	B	NJ	4.4	20.0	2	ug/L		07/15/04	mad
	Vanadium (V)	4.6	U		4.6	100	2	ug/L		07/15/04	mad
	Zinc (Zn)	39.8	B		7.8	40.0	2	ug/L		07/15/04	mad

* In Description = Dry Wgt.

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-3N
 Date Sampled.....: 06/30/2004
 Time Sampled.....: 13:10
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-14
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	25.0			1.9	10.0	1	ug/L		07/15/04	mad
	Barium (Ba)	1010			0.40	200	1	ug/L		07/15/04	mad
	Beryllium (Be)	1.3	B		0.30	5.0	1	ug/L		07/15/04	mad
	Cadmium (Cd)	6.4			0.40	5.0	1	ug/L		07/15/04	mad
	Chromium (Cr)	9.4	B		0.60	10.0	1	ug/L		07/15/04	mad
	Cobalt (Co)	6.5	B		2.5	50.0	1	ug/L		07/15/04	mad
	Copper (Cu)	91.4			1.6	25.0	1	ug/L		07/15/04	mad
	Iron (Fe)	29800			18.9	100	1	ug/L		07/15/04	mad
	Lead (Pb)	351		N 34	1.1	5.0	1	ug/L		07/15/04	mad
	Nickel (Ni)	7.0	B		1.7	40.0	1	ug/L		07/15/04	mad
	Selenium (Se)	22.3		N 34	8.7	10.0	1	ug/L		07/15/04	mad
	Silver (Ag)	3.1	B		2.2	10.0	1	ug/L		07/15/04	mad
	Vanadium (V)	9.7	B		2.3	50.0	1	ug/L		07/15/04	mad
	Zinc (Zn)	2650			3.9	20.0	1	ug/L		07/15/04	mad

* In Description = Dry Wgt.

001248

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-88
 Date Sampled.....: 06/30/2004
 Time Sampled.....: 15:10
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-15
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	17.1	B		3.8	20.0	2.000	ug/L		07/16/04	mwh
	Barium (Ba)	24.4	B		0.80	400	2.000	ug/L		07/16/04	mwh
	Beryllium (Be)	5.8	B		0.60	10.0	2.000	ug/L		07/16/04	mwh
	Cadmium (Cd)	2.2	B		0.80	10.0	2.000	ug/L		07/16/04	mwh
	Chromium (Cr)	6.5	B		1.2	20.0	2.000	ug/L		07/16/04	mwh
	Cobalt (Co)	11.9	B		5.0	100	2.000	ug/L		07/16/04	mwh
	Copper (Cu)	20.8	B		3.2	50.0	2.000	ug/L		07/16/04	mwh
	Iron (Fe)	3890	B	N	37.8	200	2.000	ug/L		07/16/04	mwh
	Lead (Pb)	7.8	B	N	2.2	10.0	2.000	ug/L		07/16/04	mwh
	Nickel (Ni)	6.6	B	N	3.4	80.0	2.000	ug/L		07/16/04	mwh
	Selenium (Se)	20.8	B	N	17.4	20.0	2.000	ug/L		07/16/04	mwh
	Silver (Ag)	9.3	B	N	4.4	20.0	2.000	ug/L		07/16/04	mwh
	Vanadium (V)	5.5	B	N	4.6	100	2.000	ug/L		07/16/04	mwh
	Zinc (Zn)	39.3	B		7.8	40.0	2.000	ug/L		07/16/04	mwh

* In Description = Dry Wgt.

0012249

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-8A
 Date Sampled.....: 06/30/2004
 Time Sampled.....: 16:20
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-16
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RE	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	2.7	B		1.9	10.0	1	ug/L		07/15/04	mad
	Barium (Ba)	173	B		0.40	200	1	ug/L		07/15/04	mad
	Beryllium (Be)	0.30	U		0.30	5.0	1	ug/L		07/15/04	mad
	Cadmium (Cd)	0.40	U		0.40	5.0	1	ug/L		07/15/04	mad
	Chromium (Cr)	2.3	B		0.60	10.0	1	ug/L		07/15/04	mad
	Cobalt (Co)	3.3	B		2.5	50.0	1	ug/L		07/15/04	mad
	Copper (Cu)	1.8	B		1.6	25.0	1	ug/L		07/15/04	mad
	Iron (Fe)	2040		N	18.9	100	1	ug/L		07/16/04	mad
	Lead (Pb)	1.1	U	N	1.1	5.0	1	ug/L		07/15/04	mad
	Nickel (Ni)	1.7	U		1.7	40.0	1	ug/L		07/15/04	mad
	Selenium (Se)	8.7	U	N	8.7	10.0	1	ug/L		07/15/04	mad
	Silver (Ag)	2.2	U	N	2.2	10.0	1	ug/L		07/15/04	mad
	Vanadium (V)	2.3	U		2.3	50.0	1	ug/L		07/15/04	mad
	Zinc (Zn)	8.2	B		3.9	20.0	1	ug/L		07/15/04	mad

* In Description = Dry Wgt.

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-2N
 Date Sampled.....: 06/30/2004
 Time Sampled.....: 17:10
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-17
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	1.9	U		1.9	10.0	1	ug/L		07/15/04	mad
	Barium (Ba)	254			0.40	200	1	ug/L		07/15/04	mad
	Beryllium (Be)	0.31	B		0.30	5.0	1	ug/L		07/15/04	mad
	Cadmium (Cd)	0.40	U		0.40	5.0	1	ug/L		07/15/04	mad
	Chromium (Cr)	1.8	B		0.60	10.0	1	ug/L		07/15/04	mad
	Cobalt (Co)	7.4	B		2.5	50.0	1	ug/L		07/15/04	mad
	Copper (Cu)	1.6	U		1.6	25.0	1	ug/L		07/15/04	mad
	Iron (Fe)	53900		N S	18.9	100	1	ug/L		07/16/04	mad
	Lead (Pb)	9.7		N S	1.1	5.0	1	ug/L		07/15/04	mad
	Nickel (Ni)	29.4	B		1.7	40.0	1	ug/L		07/15/04	mad
	Selenium (Se)	14.3		N S	8.7	10.0	1	ug/L		07/15/04	mad
	Silver (Ag)	2.6	B		2.2	10.0	1	ug/L		07/15/04	mad
	Vanadium (V)	2.3	U		2.3	50.0	1	ug/L		07/15/04	mad
	Zinc (Zn)	13.3	B		3.9	20.0	1	ug/L		07/15/04	mad

* In Description = Dry Wgt.

0012354

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: FB
 Date Sampled.....: 06/30/2004
 Time Sampled.....: 16:30
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-18
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	1.9	U		1.9	10.0	1	ug/L		07/15/04	mad
	Barium (Ba)	4.3	B		0.40	200	1	ug/L		07/15/04	mad
	Beryllium (Be)	0.30	U		0.30	5.0	1	ug/L		07/15/04	mad
	Cadmium (Cd)	0.40	U		0.40	5.0	1	ug/L		07/15/04	mad
	Chromium (Cr)	1.1	B		0.60	10.0	1	ug/L		07/15/04	mad
	Cobalt (Co)	2.5	U		2.5	50.0	1	ug/L		07/15/04	mad
	Copper (Cu)	1.6	U		1.6	25.0	1	ug/L		07/15/04	mad
	Iron (Fe)	119		NJ	18.9	100	1	ug/L		07/16/04	mad
	Lead (Pb)	1.1	U	NJ	1.1	5.0	1	ug/L		07/15/04	mad
	Nickel (Ni)	1.7	U		1.7	40.0	1	ug/L		07/15/04	mad
	Selenium (Se)	8.7	U	NJ	8.7	10.0	1	ug/L		07/15/04	mad
	Silver (Ag)	2.2	U	NJ	2.2	10.0	1	ug/L		07/15/04	mad
	Vanadium (V)	2.3	U		2.3	50.0	1	ug/L		07/15/04	mad
	Zinc (Zn)	3.9	U		3.9	20.0	1	ug/L		07/15/04	mad

* In Description = Dry Wgt.

001252

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-11A
 Date Sampled.....: 06/30/2004
 Time Sampled.....: 10:20
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-19
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	2.3	B		1.9	10.0	1	ug/L		07/15/04	mad
	Barium (Ba)	127	B		0.40	200	1	ug/L		07/15/04	mad
	Beryllium (Be)	0.30	U		0.30	5.0	1	ug/L		07/15/04	mad
	Cadmium (Cd)	0.40	U		0.40	5.0	1	ug/L		07/15/04	mad
	Chromium (Cr)	4.6	B		0.60	10.0	1	ug/L		07/15/04	mad
	Cobalt (Co)	4.4	B		2.5	50.0	1	ug/L		07/15/04	mad
	Copper (Cu)	2.5	B		1.6	25.0	1	ug/L		07/15/04	mad
	Iron (Fe)	10000		N PL	18.9	100	1	ug/L		07/16/04	mad
	Lead (Pb)	2.9	B	N PL	1.1	5.0	1	ug/L		07/15/04	mad
	Nickel (Ni)	2.3	B		1.7	40.0	1	ug/L		07/15/04	mad
	Selenium (Se)	8.7	U	N PL	8.7	10.0	1	ug/L		07/15/04	mad
	Silver (Ag)	2.2	U	N PL	2.2	10.0	1	ug/L		07/15/04	mad
	Vanadium (V)	2.3	U		2.3	50.0	1	ug/L		07/15/04	mad
	Zinc (Zn)	13.0	B		3.9	20.0	1	ug/L		07/15/04	mad

* In Description = Dry Wgt.

001355

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 031002SP

ATTN: Mark Schumacher

Customer Sample ID: MW-118
 Date Sampled.....: 06/30/2004
 Time Sampled.....: 13:00
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-20
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	8.0	B		3.8	20.0	2.000	ug/L		07/15/04	mad
	Barium (Ba)	24.7	B		0.80	400	2.000	ug/L		07/15/04	mad
	Beryllium (Be)	1.0	B		0.60	10.0	2.000	ug/L		07/15/04	mad
	Cadmium (Cd)	0.80	U		0.80	10.0	2.000	ug/L		07/15/04	mad
	Chromium (Cr)	4.2	B		1.2	20.0	2.000	ug/L		07/15/04	mad
	Cobalt (Co)	8.0	B		5.0	100	2.000	ug/L		07/15/04	mad
	Copper (Cu)	9.1	B		3.2	50.0	2.000	ug/L		07/15/04	mad
	Iron (Fe)	5260		12/5	37.8	200	2.000	ug/L		07/16/04	mad
	Lead (Pb)	2.2	U	N 12/5	2.2	10.0	2.000	ug/L		07/15/04	mad
	Nickel (Ni)	3.4	U		3.4	80.0	2.000	ug/L		07/15/04	mad
	Selenium (Se)	17.4	U	N 12/5	17.4	20.0	2.000	ug/L		07/15/04	mad
	Silver (Ag)	10.2	B		4.4	20.0	2.000	ug/L		07/15/04	mad
	Vanadium (V)	4.6	U		4.6	100	2.000	ug/L		07/15/04	mad
	Zinc (Zn)	42.6			7.8	40.0	2.000	ug/L		07/15/04	mad

* In Description = Dry Wgt.

001254

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: W-3S
 Date Sampled.....: 07/01/2004
 Time Sampled.....: 13:00
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-21
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	17.6	B		9.5	50.0	5.000	ug/L		07/15/04	mad
	Barium (Ba)	65.4	B		2.0	1000	5.000	ug/L		07/15/04	mad
	Beryllium (Be)	4.6	B		1.5	25.0	5.000	ug/L		07/15/04	mad
	Cadmium (Cd)	2.0	U		2.0	25.0	5.000	ug/L		07/15/04	mad
	Chromium (Cr)	8.9	B		3.0	50.0	5.000	ug/L		07/15/04	mad
	Cobalt (Co)	20.0	B		12.5	250	5.000	ug/L		07/15/04	mad
	Copper (Cu)	53.6	B		8.0	125	5.000	ug/L		07/15/04	mad
	Iron (Fe)	17800		N	94.5	500	5.000	ug/L		07/16/04	mad
	Lead (Pb)	5.5	U	N	5.5	25.0	5.000	ug/L		07/15/04	mad
	Nickel (Ni)	8.5	U	N	8.5	200	5.000	ug/L		07/15/04	mad
	Selenium (Se)	43.5	U	N	43.5	50.0	5.000	ug/L		07/15/04	mad
	Silver (Ag)	22.4	B	N	11.0	50.0	5.000	ug/L		07/15/04	mad
	Vanadium (V)	11.5	U		11.5	250	5.000	ug/L		07/15/04	mad
	Zinc (Zn)	132			19.5	100	5.000	ug/L		07/15/04	mad

* In Description = Dry Wgt.

0310025P

Job Number: 237960

LABORATORY TEST RESULTS

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER-0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-12
 Date Sampled.....: 06/30/2004
 Time Sampled.....: 00:00
 Sample Matrix.....: Water

Laboratory Sample ID: 237960-23
 Date Received.....: 07/02/2004
 Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 245.1	Mercury (Hg)	0.20	U		0.20	0.20	1	ug/L		07/06/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Arsenic (As)	1.9	U		1.9	10.0	1	ug/L		07/15/04	mad
	Barium (Ba)	244			0.40	200	1	ug/L		07/15/04	mad
	Beryllium (Be)	0.30	U		0.30	5.0	1	ug/L		07/15/04	mad
	Cadmium (Cd)	0.40	U		0.40	5.0	1	ug/L		07/15/04	mad
	Chromium (Cr)	1.2	B		0.60	10.0	1	ug/L		07/15/04	mad
	Cobalt (Co)	5.8	B		2.5	50.0	1	ug/L		07/15/04	mad
	Copper (Cu)	6.2	B		1.6	25.0	1	ug/L		07/15/04	mad
	Iron (Fe)	52400		N 3	18.9	100	1	ug/L		07/16/04	mad
	Lead (Pb)	9.2		N 3	1.1	5.0	1	ug/L		07/15/04	mad
	Nickel (Ni)	28.5	B		1.7	40.0	1	ug/L		07/15/04	mad
	Selenium (Se)	14.3		N 3	8.7	10.0	1	ug/L		07/15/04	mad
	Silver (Ag)	2.2	U	N 3	2.2	10.0	1	ug/L		07/15/04	mad
	Vanadium (V)	2.3	U		2.3	50.0	1	ug/L		07/15/04	mad
	Zinc (Zn)	14.5	B		3.9	20.0	1	ug/L		07/15/04	mad

* In Description = Dry Wgt.

0012556

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-4A
Date Sampled.....: 06/30/2004
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 237960-1
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/06/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0150			0.0100	mg/L	07/14/04	jpp

* In Description = Dry Wgt.

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Newburgh, NY 12550
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Fax (845) 562-0841

LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-4B
Date Sampled.....: 06/30/2004
Time Sampled.....: 17:45
Sample Matrix.....: Water

Laboratory Sample ID: 237960-2
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/06/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0100	U		0.0100	mg/L	07/14/04	jpp

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-1N
Date Sampled.....: 07/01/2004
Time Sampled.....: 08:50
Sample Matrix.....: Water

Laboratory Sample ID: 237960-3
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/06/04	bg
LAC 10210001A	Phenolics, Total Recoverable	1.36			0.200	mg/L	07/14/04	jpp

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Date: 07/22/2004

ATTN: Mark Schumacher

Laboratory Sample ID: 237960-4
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U	0.0100	mg/L	07/07/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0160		0.0100	mg/L	07/14/04	jpp

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/22/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-9B
Date Sampled.....: 07/01/2004
Time Sampled.....: 10:30
Sample Matrix.....: Water

Laboratory Sample ID: 237960-5
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/07/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0100	U		0.0100	mg/L	07/14/04	jpp

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/22/2004

CUSTOMER: Intelgreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-5
Date Sampled.....: 07/01/2004
Time Sampled.....: 10:40
Sample Matrix.....: Water

Laboratory Sample ID: 237960-6
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/07/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0390			0.0100	mg/L	07/14/04	jpp

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Date: 07/22/2004

ATTN: Mark Schumacher

Laboratory Sample ID: 237960-7
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/07/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0130			0.0100	mg/L	07/14/04	jpp

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-6A
Date Sampled.....: 07/01/2004
Time Sampled.....: 13:10
Sample Matrix.....: Water

Laboratory Sample ID: 237960-8
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/07/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0270			0.0100	mg/L	07/14/04	jpp

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-68
Date Sampled.....: 07/01/2004
Time Sampled.....: 13:35
Sample Matrix.....: Water

Laboratory Sample ID: 237960-9
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/07/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0100	U		0.0100	mg/L	07/14/04	jpp

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/22/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: W-1S
Date Sampled.....: 07/01/2004
Time Sampled.....: 16:15
Sample Matrix.....: Water

Laboratory Sample ID: 237960-10
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/07/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0100	U		0.0100	mg/L	07/14/04	jpp

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/22/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-13
Date Sampled.....: 07/01/2004
Time Sampled.....: 13:10
Sample Matrix.....: Water

Laboratory Sample ID: 237960-11
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/07/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0100	U		0.0100	mg/L	07/14/04	jpp

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: W-2S
Date Sampled.....: 07/01/2004
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 237960-12
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/07/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0200			0.0100	mg/L	07/14/04	jpp

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-7
Date Sampled.....: 06/30/2004
Time Sampled.....: 11:40
Sample Matrix.....: Water

Laboratory Sample ID: 237960-13
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100		U	0.0100	mg/L	07/07/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0100		U	0.0100	mg/L	07/14/04	jpp

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/22/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-3N
Date Sampled.....: 06/30/2004
Time Sampled.....: 13:10
Sample Matrix.....: Water

Laboratory Sample ID: 237960-14
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/07/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0100	U		0.0100	mg/L	07/14/04	jpp

* In Description = Dry Wgt.

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Fax (845) 562-0841

Date: 07/22/2004

ATTN: Mark Schumacher

Laboratory Sample ID: 237960-15
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/09/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0100	U		0.0100	mg/L	07/14/04	jpp

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-8A
Date Sampled.....: 06/30/2004
Time Sampled.....: 16:20
Sample Matrix.....: Water

Laboratory Sample ID: 237960-16
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/07/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0120			0.0100	mg/L	07/14/04	jpp

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-2N
Date Sampled.....: 06/30/2004
Time Sampled.....: 17:10
Sample Matrix.....: Water

Laboratory Sample ID: 237960-17
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/07/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0100			0.0100	mg/L	07/14/04	jpp

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/22/2004

CUSTOMER: InteGrayted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: FB
Date Sampled.....: 06/30/2004
Time Sampled.....: 16:30
Sample Matrix.....: Water

Laboratory Sample ID: 237960-18
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/07/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0100	U		0.0100	mg/L	07/14/04	jpp

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/22/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-11A
Date Sampled.....: 06/30/2004
Time Sampled.....: 10:20
Sample Matrix.....: Water

Laboratory Sample ID: 237960-19
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SH18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/07/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0360			0.0100	mg/L	07/14/04	jpp

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Date: 07/22/2004

ATTN: Mark Schumacher

Laboratory Sample ID: 237960-20
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM1B 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/09/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0100	U		0.0100	mg/L	07/14/04	jpp

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: W-3S
Date Sampled.....: 07/01/2004
Time Sampled.....: 13:00
Sample Matrix.....: Water

Laboratory Sample ID: 237960-21
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/09/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0150			0.0100	mg/L	07/14/04	jpp

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LABORATORY TEST RESULTS

Job Number: 237960

Date: 07/22/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Customer Sample ID: MW-12
Date Sampled.....: 06/30/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 237960-23
Date Received.....: 07/02/2004
Time Received.....: 15:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	07/09/04	bg
LAC 10210001A	Phenolics, Total Recoverable	0.0100			0.0100	mg/L	07/14/04	jpp

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WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 (BFB) #	TOT OUT
01	VLK099	95	100	96	0
02	MW-4A	98	104	96	0
03	MW-4B	96	98	88	0
04	MW-7	95	102	92	0
05	MW-3N	96	100	91	0
06	MW-8B	93	101	88	0
07	MW-8A	96	106	88	0
08	VLK013	96	102	91	0
09	MW-2N	94	100	96	0
10	FB	93	103	90	0
11	MW-11A	94	108	97	0
12	MW-11B	90	102	91	0
13	MW-12	88	104	98	0
14	MW-1N	89	104	95	0
15	MW-9A	93	103	89	0
16	MW-9B	92	103	90	0
17	MW-5	93	102	92	0
18	VBSPK10	86	99	89	0
19	VLK014	92	103	87	0
20	MW-10	92	105	90	0
21	MW-6B	89	102	90	0
22	W-1S	88	108	89	0
23	VBSPK014	86	99	93	0
24	MW-8BMS	84	102	93	0
25	MW-8BMSD	86	99	88	0
26	MW-13	88	108	93	0
27	W-2S	89	106	92	0
28	MW-1NDL	86	100	94	0
29	MW-7MS	80	100	91	0
30	MW-7MSD	83	101	91	0
31	VLK015	87	109	91	0

QC LIMITS

SMC1 (DCE) = 1,2-Dichloroethane-d4 (71-136)
 SMC2 (TOL) = Toluene-d8 (79-109)
 SMC3 (BFB) = Bromofluorobenzene (71-136)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D System Monitoring Compound diluted out

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 (BFB) #	TOT OUT
32	W-3S	87	104	88	0
33	TRIP BLANK	85	105	87	0
34	VBSPK015	80	100	87	0
35	MW-6A	79	98	104	0

QC LIMITS

SMC1 (DCE)	=	1,2-Dichloroethane-d4	(71-136)
SMC2 (TOL)	=	Toluene-d8	(79-109)
SMC3 (BFB)	=	Bromofluorobenzene	(71-136)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D System Monitoring Compound diluted out

WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: STL Newburgh

Contract: _____

Lab Code: 10142

Case No.: _____

SAS No.: _____

SDG No.: 237960

	EPA SAMPLE NO.	S1 (2FP) #	S2 (PHL) #	S3 (2CP) #	S4 (DCB) #	S5 (NBZ) #	S6 (FBP) #	S7 (TBP) #	S8 (TPH) #	TOT OUT
01	SBLK33	33	22	47	14	47	33	44	62	0
02	SBSPK33	35	24	46	22	47	49	48	62	0
03	SBLK34	24	17	35	4 *	27	8 *	36	59	2
04	SBSPK34	43	28	55	18	53	33	47	62	0
05	ZZZZZZ33MS	34	31	49	12	45	33	46	67	0
06	ZZZZZZ33MSD	30	28	44	10	39	31	55	61	0
07	MW-4A	33	25	49	15	44	37	45	61	0
08	MW-4B	39	26	52	23	50	45	48	64	0
09	MW-1N	42	28	55	15	52	41	51	75	0
10	MW-9A	35	23	48	21	48	47	49	68	0
11	MW-9B	38	25	50	27	48	46	43	63	0
12	MW-5	35	24	47	20	44	42	48	63	0
13	MW-10	31	21	43	22	44	44	48	58	0
14	MW-6B	35	23	48	36	47	57	50	62	0
15	W-2S	32	20	43	30	43	46	40	58	0
16	W-1S	36	24	48	38	48	57	48	62	0
17	SBLK37	34	24	47	26	44	44	44	59	0
18	SBSPK37	30	25	43	27	42	50	44	59	0
19	MW-13	40	29	49	32	47	49	47	64	0
20	MW-7	35	23	46	30	43	47	43	53	0
21	MW-3N	30	23	43	20	37	35	44	55	0
22	MW-8B	29	18	36	25	35	40	38	55	0
23	MW-8A	3	3 *	5 *	4 *	5 *	6 *	6 *	8 *	7
24	MW-2N	38	28	53	30	45	45	46	52	0
25	FB	35	25	48	30	43	46	45	59	0
26	MW-11A	39	29	54	30	51	27	29	62	0
27	MW-11B	28	19	39	19	34	30	38	46	0
28	W-3S	39	32	49	28	43	45	49	61	0
29	MW-12	48 *	38 *	62	30	53	47	53	67	2
30	MW-7MS	36	27	49	21	45	43	47	61	0
31	MW-7MSD	33	25	45	26	43	48	39	56	0

QC LIMITS

S1 (2FP)	=	2-Fluorophenol	(2-47)
S2 (PHL)	=	Phenol-d5	(5-37)
S3 (2CP)	=	2-Chlorophenol-d4	(11-93)
S4 (DCB)	=	1,2-Dichlorobenzene-d4	(10-90)
S5 (NBZ)	=	Nitrobenzene-d5	(18-117)
S6 (FBP)	=	2-Fluorobiphenyl	(17-113)
S7 (TBP)	=	2,4,6-Tribromophenol	(17-122)
S8 (TPH)	=	Terphenyl-d14	(18-130)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

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WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

	EPA SAMPLE NO.	S1 (2FP) #	S2 (PHL) #	S3 (2CP) #	S4 (DCB) #	S5 (NBZ) #	S6 (FBP) #	S7 (TBP) #	S8 (TPH) #	TOT OUT
32	MW-6A	*	*	*	*	*	74	*	*	7
33	MW-6ARE	*	*	*	*	*	74	*	82	6
34	SBLK43	31	19	49	26	49	49	62	52	0
35	SBSPK43	38	25	56	30	59	46	74	60	0
36	MW-8ARR	40	28	56	42	58	65	65	55	0

QC LIMITS

S1 (2FP)	=	2-Fluorophenol	(2-47)
S2 (PHL)	=	Phenol-d5	(5-37)
S3 (2CP)	=	2-Chlorophenol-d4	(11-93)
S4 (DCB)	=	1,2-Dichlorobenzene-d4	(10-90)
S5 (NBZ)	=	Nitrobenzene-d5	(18-117)
S6 (FBP)	=	2-Fluorobiphenyl	(17-113)
S7 (TBP)	=	2,4,6-Tribromophenol	(17-122)
S8 (TPH)	=	Terphenyl-d14	(18-130)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

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2E
WATER PESTICIDE SURROGATE RECOVERY

8081

Lab Name: STL Newburgh

Contract:

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

GC Column (1): Rtx-CLPest ID : 0.32 (mm)

GC Column (2): Rtx-CLPest2 ID : 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
1	PBLK22	29 *	32 *	84	87			2
2	PBSPK22	42	46	89	90			0
3	ZZZZZMS	48	51	86	80			0
4	ZZZZZMSD	59	60	73	68			0
5	MW-4A	62	63	85	80			0
6	MW-4B	35 *	39	92	89			1
7								
8								
9								
10								
11								
12								
13								
14								
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17								
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26								
27								
28								
29								
30								

ADVISORY
QC LIMITS
(38-120)
(28-146)

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

Column used to flag recovery values
* Values outside of QC limits.
D Surrogates Diluted out.

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3/90

**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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2E
WATER PESTICIDE SURROGATE RECOVERY

8002

Lab Name: STL Newburgh

Contract:

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

GC Column (1): DB-5 ID: 0.32 (mm)

GC Column (2): DB-1701P ID: 0.32 (mm)

12/21/09

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
1	PBLK22	41	41	77	78			0
2	PBSPK22	62	60	79	77			0
3	MW-4A	82	66	59	64			0
4	MW-4B	50	53	69	75			0
5	ZZZZZMS	64	57	64	68			0
6	ZZZZZMSD	59	53	76	78			0
7								
8								
9								
10								
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29								
30								

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

ADVISORY
QC LIMITS
(38-120)
(28-146)

Column used to flag recovery values

* Values outside of QC limits.

D Surrogates Diluted out.

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3/90

**SEVERN
TRENT** STL

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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2E
WATER PESTICIDE SURROGATE RECOVERY

8081

Lab Name: STL Newburgh

Contract:

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

GC Column (1): Rtx-CLPest ID : 0.32 (mm)

GC Column (2): Rtx-CLPest2 ID : 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
1	PBLK23	62	77	116	119			0
2	PBSPK23	68	80	112	123			0
3	MW-1N	59	69	69	63			0
4	MW-9A	70	85	108	110			0
5	MW-9B	32 *	37 *	112	123			2
6	MW-5	45	54	101	104			0
7	MW-10	62	75	86	86			0
8	MW-6A	109	96	22 *	47			1
9	MW-6B	21 *	23 *	109	85			2
10	W-1S	43	53	134	123			0
11	MW-13	41	49	119	89			0
12	W-2S	51	56	94	96			0
13	MW-7	64	78	104	109			0
14	MW-3N	55	66	101	89			0
15	MW-8B	84	99	121	125			0
16	MW-8A	53	48	102	108			0
17	MW-2N	74	85	82	81			0
18	FB	38	45	79	77			0
19	MW-11A	71	60	77	73			0
20	MW-11B	76	92	121	122			0
21	W-3S	46	55	101	109			0
22	MW-12	85	97	117	123			0
23	MW-8BMS	51	61	123	129			0
24	MW-8BMSD	71	84	116	119			0
25								
26								
27								
28								
29								
30								

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

ADVISORY
QC LIMITS
(38-120)
(28-146)

Column used to flag recovery values

* Values outside of QC limits.

D Surrogates Diluted out.

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3/90

**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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2E
WATER PESTICIDE SURROGATE RECOVERY

8082

Lab Name: STL Newburgh

Contract:

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

GC Column (1): DB-5 ID: 0.32 (mm)

GC Column (2): DB-1701R ID: 0.32 (mm)

12/21/04

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
1	PBLK23	64	62	102	89			0
2	PBSPK23	63	61	98	89			0
3	MW-1N	59	46	68	45			0
4	MW-9A	71	67	96	83			0
5	MW-9B	37 *	36 *	94	87			2
6	MW-5	48	47	87	80			0
7	MW-10	63	63	107	70			0
8	MW-6A	39	40	145	18 *			1
9	MW-6B	30 *	31 *	74	85			2
10	W-1S	54	55	92	87			0
11	MW-13	49	52	95	67			0
12	W-2S	51	55	85	73			0
13	MW-7	79	81	111	95			0
14	MW-3N	53	51	94	77			0
15	MW-8B	82	82	115	100			0
16	MW-8A	52	45	94	83			0
17	MW-2N	78	66	57	66			0
18	FB	42	40	76	62			0
19	MW-11A	139 *	52	78	53			1
20	MW-11B	82	78	107	90			0
21	W-3S	63	82	103	91			0
22	MW-12	87	71	94	85			0
23	MW-8BMS	46	44	99	84			0
24	MW-8BMSD	66	62	106	93			0
25								
26								
27								
28								
29								
30								

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

ADVISORY
QC LIMITS
(38-120)
(28-146)

Column used to flag recovery values
* Values outside of QC limits.
D Surrogates Diluted out.

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FORM II PEST-1

3/90

SEVERN
TRENT STL

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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3BS
WATER VOLATILE BLANK SPIKE RECOVERY

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix Spike - EPA Sample No. VBSPK10

COMPOUND	SPIKE ADDED (ug/L)	BS CONCENTRATION (ug/L)	BS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	47	94	73 - 133
Trichloroethene	50	52	104	74 - 127
Benzene	50	60	120	73 - 131
Toluene	50	53	106	81 - 123
Chlorobenzene	50	51	102	77 - 127

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS: _____

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STL

FORM III VOA-BS

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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3BS
WATER VOLATILE BLANK SPIKE RECOVERY

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix Spike - EPA Sample No. VBSPK014

COMPOUND	SPIKE ADDED (ug/L)	BS CONCENTRATION (ug/L)	BS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	44	88	73 - 133
Trichloroethene	50	51	102	74 - 127
Benzene	50	61	122	73 - 131
Toluene	50	54	108	81 - 123
Chlorobenzene	50	52	104	77 - 127

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS: _____

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STL

FORM III VOA-BS

NYSDOH 10142

NJDEP 73016

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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3BS
WATER VOLATILE BLANK SPIKE RECOVERY

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix Spike - EPA Sample No. VBSPK015

COMPOUND	SPIKE ADDED (ug/L)	BS CONCENTRATION (ug/L)	BS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	45	90	73 - 133
Trichloroethene	50	55	110	74 - 127
Benzene	50	68	136 *	73 - 131
Toluene	50	56	112	81 - 123
Chlorobenzene	50	52	104	77 - 127

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 1 out of 5 outside limits

COMMENTS: _____

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NYSDOH 10142

NJDEP 73015

FORM III VOA-BS
CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix Spike - EPA Sample No MW-8B

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0	43	86	73 - 133
Trichloroethene	50	0	52	104	74 - 127
Benzene	50	0	58	116	73 - 131
Toluene	50	0	54	108	81 - 123
Chlorobenzene	50	0	48	96	77 - 127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
1,1-Dichloroethene	50	40	80	7	14	73 - 133
Trichloroethene	50	47	94	10	14	74 - 127
Benzene	50	57	114	2	11	73 - 131
Toluene	50	50	100	8	13	81 - 123
Chlorobenzene	50	46	92	4	13	77 - 127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

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WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix Spike - EPA Sample No MW-7

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0	42	84	73 - 133
Trichloroethene	50	0	53	106	74 - 127
Benzene	50	0	61	122	73 - 131
Toluene	50	0	52	104	81 - 123
Chlorobenzene	50	0	48	96	77 - 127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
1,1-Dichloroethene	50	40	80	5	14	73 - 133
Trichloroethene	50	50	100	6	14	74 - 127
Benzene	50	57	114	7	11	73 - 131
Toluene	50	50	100	4	13	81 - 123
Chlorobenzene	50	48	96	0	13	77 - 127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

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FORM III VOA-1

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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 Fax (845) 562-0841

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix Spike - EPA Sample No ZZZZZZ33

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	75	0	18	24	20 - 96
2-Chlorophenol	75	0	34	45	17 - 73
1,4-Dichlorobenzene	50	0	9	18 *	25 - 89
N-Nitroso-di-n-propylamine	50	0	25	50	44 - 102
1,2,4-Trichlorobenzene	50	0	12	24 *	44 - 100
4-Chloro-3-methylphenol	75	0	40	53	24 - 80
Acenaphthene	50	0	23	46	35 - 107
2,4-Dinitrotoluene	50	0	28	56	28 - 126
4-Nitrophenol	75	0	18	24 *	29 - 129
Pentachlorophenol	75	0	53	71	35 - 139
Pyrene	50	0	37	74	38 - 126

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Phenol	75	17	23	4	42	20 - 96
2-Chlorophenol	75	31	41	9	40	17 - 73
1,4-Dichlorobenzene	50	8	16 *	12	28	25 - 89
N-Nitroso-di-n-propylamine	50	24	48	4	38	44 - 102
1,2,4-Trichlorobenzene	50	12	24 *	0	28	44 - 100
4-Chloro-3-methylphenol	75	41	55	4	42	24 - 80
Acenaphthene	50	24	48	4	31	35 - 107
2,4-Dinitrotoluene	50	30	60	7	38	28 - 126
4-Nitrophenol	75	20	27 *	12	50	29 - 129
Pentachlorophenol	75	52	69	3	50	35 - 139
Pyrene	50	33	66	11	31	38 - 126

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 11 outside limits

Spike Recovery: 6 out of 22 outside limits

COMMENTS: _____

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WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix Spike - EPA Sample No MW-7

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	77	0	19	25	20 - 96
2-Chlorophenol	77	0	36	47	17 - 73
1,4-Dichlorobenzene	51	0	12	24 *	25 - 89
N-Nitroso-di-n-propylamine	51	0	25	49	44 - 102
1,2,4-Trichlorobenzene	51	0	16	31 *	44 - 100
4-Chloro-3-methylphenol	77	0	41	53	24 - 80
Acenaphthene	51	0	26	51	35 - 107
2,4-Dinitrotoluene	51	0	29	57	28 - 126
4-Nitrophenol	77	0	21	27 *	29 - 129
Pentachlorophenol	77	0	52	68	35 - 139
Pyrene	51	0	34	67	38 - 126

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Phenol	75	17	23	8	42	20 - 96
2-Chlorophenol	75	31	41	14	40	17 - 73
1,4-Dichlorobenzene	50	11	22 *	9	28	25 - 89
N-Nitroso-di-n-propylamine	50	21	42 *	15	38	44 - 102
1,2,4-Trichlorobenzene	50	16	32 *	3	28	44 - 100
4-Chloro-3-methylphenol	75	33	44	19	42	24 - 80
Acenaphthene	50	24	48	6	31	35 - 107
2,4-Dinitrotoluene	50	23	46	21	38	28 - 126
4-Nitrophenol	75	14	19 *	35	50	29 - 129
Pentachlorophenol	75	41	55	21	50	35 - 139
Pyrene	50	30	60	11	31	38 - 126

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 11 outside limits

Spike Recovery: 7 out of 22 outside limits

COMMENTS: _____

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NYSDOH 10142

NJDEP 73015

FORM SV-1

EPA NY049

PA 68-378

M-NY049

STL Newburgh
 315 Fullerton Avenue
 Newburgh, NY 12550
 Tel (845) 562-0890
 Fax (845) 562-0841

3BS
WATER SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix Spike - EPA Sample No. SBSPK33

COMPOUND	SPIKE ADDED (ug/L)	BS CONCENTRATION (ug/L)	BS % REC #	QC LIMITS REC.
Phenol	25	7	28	20 - 96
2-Chlorophenol	25	11	44	17 - 73
1,4-Dichlorobenzene	25	9	36	25 - 89
N-Nitroso-di-n-propylamine	25	11	44	44 - 102
1,2,4-Trichlorobenzene	25	11	44	44 - 100
4-Chloro-3-methylphenol	25	13	52	24 - 80
Acenaphthene	25	14	56	35 - 107
2,4-Dinitrotoluene	25	15	60	28 - 126
4-Nitrophenol	25	4	16 *	29 - 129
Pentachlorophenol	25	15	60	35 - 139
Pyrene	25	17	68	38 - 126

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 1 out of 11 outside limits

COMMENTS: _____

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NYSDOH 10142

NJDEP 73015

FORM 10142-DS
CTDORS PH-0534

EPA NY049

PA 68-378

M-NY049

STL Newburgh
 315 Fullerton Avenue
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 Fax (845) 562-0841

3BS
WATER SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix Spike - EPA Sample No. SBSPK34

COMPOUND	SPIKE ADDED (ug/L)	BS CONCENTRATION (ug/L)	BS % REC #	QC LIMITS REC.
Phenol	25	8	32	20 - 96
2-Chlorophenol	25	12	48	17 - 73
1,4-Dichlorobenzene	25	7	28	25 - 89
N-Nitroso-di-n-propylamine	25	11	44	44 - 102
1,2,4-Trichlorobenzene	25	7	28 *	44 - 100
4-Chloro-3-methylphenol	25	12	48	24 - 80
Acenaphthene	25	11	44	35 - 107
2,4-Dinitrotoluene	25	14	56	28 - 126
4-Nitrophenol	25	3	12 *	29 - 129
Pentachlorophenol	25	13	52	35 - 139
Pyrene	25	16	64	38 - 126

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 2 out of 11 outside limits

COMMENTS: _____

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NYSDOH 10142

NJDEP 73015

FORM 110V-BG
CTDCHS PH-0554

EPA NY049

PA 68-378

M-NY049

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Fax (845) 562-0841

3BS

WATER SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix Spike - EPA Sample No. SBSPK37

COMPOUND	SPIKE ADDED (ug/L)	BS CONCENTRATION (ug/L)	BS % REC #	QC LIMITS REC.
Phenol	25	11	44	20 - 96
2-Chlorophenol	25	10	40	17 - 73
1,4-Dichlorobenzene	25	8	32	25 - 89
N-Nitroso-di-n-propylamine	25	11	44	44 - 102
1,2,4-Trichlorobenzene	25	10	40 *	44 - 100
4-Chloro-3-methylphenol	25	12	48	24 - 80
Acenaphthene	25	14	56	35 - 107
2,4-Dinitrotoluene	25	14	56	28 - 126
4-Nitrophenol	25	4	16 *	29 - 129
Pentachlorophenol	25	13	52	35 - 139
Pyrene	25	16	64	38 - 126

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 2 out of 11 outside limits

COMMENTS: _____

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STL

NYSDOH 10142

NJDEP 73016

FORM III SV-BS
C10018 PH-0554

EPA NY049

PA 68-378

M-NY049

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 315 Fulton Avenue
 Newburgh, NY 12550
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 Fax (845) 562-0841

3BS

WATER SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix Spike - EPA Sample No. SBSPK43

COMPOUND	SPIKE ADDED (ug/L)	BS CONCENTRATION (ug/L)	BS % REC #	QC LIMITS REC.
Phenol	25	7	28	20 - 96
2-Chlorophenol	25	13	52	17 - 73
1,4-Dichlorobenzene	25	13	52	25 - 89
N-Nitroso-di-n-propylamine	25	13	52	44 - 102
1,2,4-Trichlorobenzene	25	15	60	44 - 100
4-Chloro-3-methylphenol	25	15	60	24 - 80
Acenaphthene	25	17	68	35 - 107
2,4-Dinitrotoluene	25	18	72	28 - 126
4-Nitrophenol	25	8	32	29 - 129
Pentachlorophenol	25	11	44	35 - 139
Pyrene	25	15	60	38 - 126

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 11 outside limits

COMMENTS: _____

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NYSDOH 10142

NJDEP 73015

FORM 10142-BS
C10015 PA-0334

EPA NY049

PA 68-378

M-NY049

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3E
WATER PESTICIDE BLANK SPIKE RECOVERY

Lab Name: STL Newburgh

Contract :

Lab Code: 10142 Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.:

PBSPK22

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	BLANK SPIKE CONCENTRATION (ug/L)	BS % REC #	QC LIMITS REC.
gamma-BHC(Lindane)	0.20	0.0	0.099	50 *	64-114
Heptachlor	0.20	0.0	0.113	57	54-118
Aldrin	0.20	0.0	0.089	45 *	50-112
Dieldrin	0.20	0.0	0.132	66	50-152
Endrin	0.20	0.0	0.142	71	64-138
4,4'-DDT	0.20	0.0	0.140	70	69-129

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III PEST

3/90

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
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Fax (845) 562-0841

3E

WATER PCB MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh

Contract:

Lab Code: 10142 Case No.:

SAS No.:

SDG No.:

Matrix Spike - STL Sample No.

PBSPK22

COMPOUND	SPIKE ADDED (ug/L)	BLANK SPIKE CONCENTRATION (ug/L)	BLANK SPIKE % RECOVERY	QC LIMITS
Aroclor 1242	2.0	1.61	81	43-93

FORM III PEST

3/90

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NYSDOH 10142

NJDEP 73016

CTDOHS PH-0554

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Fax (845) 562-0841

3E
WATER PESTICIDE BLANK SPIKE RECOVERY .

Lab Name: STL Newburgh

Contract :

Lab Code: 10142 Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No. :

PBSPK23

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	BLANK SPIKE CONCENTRATION (ug/L)	BS % REC #	QC LIMITS REC.
gamma-BHC(Lindane)	0.20	0.0	0.146	73	64-114
Heptachlor	0.20	0.0	0.185	93	54-118
Aldrin	0.20	0.0	0.140	70	50-112
Dieldrin	0.20	0.0	0.186	93	50-152
Endrin	0.20	0.0	0.225	113	64-138
4,4'-DDT	0.20	0.0	0.215	108	69-129

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III PEST

3/90

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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Fax (845) 562-0841

3E

WATER PCB MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh

Contract:

Lab Code: 10142 Case No.:

SAS No.:

SDG No.:

Matrix Spike - STL Sample No.

PBSPK23

COMPOUND	SPIKE ADDED (ug/L)	BLANK SPIKE CONCENTRATION (ug/L)	BLANK SPIKE % RECOVERY	QC LIMITS
Aroclor 1242	2.0	1.65	83	43-93

FORM III PEST

3/90

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NYSDOH 10142

NJDEP 73016

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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Fax (845) 562-0841

3E

WATER PESTICIDE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh

Contract :

Lab Code: 10142 Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.:

ZZZZZ

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
gamma-BHC(Lindane)	0.56	0.0	0.35	63 *	64-114
Heptachlor	0.56	0.0	0.33	59	54-118
Aldrin	0.56	0.0	0.29	52	50-112
Dieldrin	1.1	0.0	0.95	85	50-152
Endrin	1.1	0.0	0.98	88	64-138
4,4'-DDT	1.1	0.0	0.94	84	69-129

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RP REC.
gamma-BHC(Lindane)	0.57	0.48	85	30 *	15 64-114
Heptachlor	0.57	0.40	70	17	20 54-118
Aldrin	0.57	0.39	68	27 *	22 50-112
Dieldrin	1.2	1.05	91	7	18 50-152
Endrin	1.2	1.10	96	9	21 64-138
4,4'-DDT	1.2	1.01	88	5	27 69-129

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 2 out of 6 outside limits

Spike Recovery: 1 out of 12 outside limits

FORM III PEST

3/90

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3E

WATER PESTICIDE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh

Contract :

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.:

MW-8B

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
gamma-BHC(Lindane)	1.02	0.0	0.70	69	64-114
Heptachlor	1.02	0.0	0.57	56	54-118
Aldrin	1.02	0.0	0.52	51	50-112
Dieldrin	2.0	0.0	1.94	95	50-152
Endrin	2.0	0.0	2.24	110	64-138
4,4'-DDT	2.0	0.0	2.36	116	69-129

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RP REC.
gamma-BHC(Lindane)	1.02	0.83	81	16 *	15 64-114
Heptachlor	1.02	0.61	60	7	20 54-118
Aldrin	1.02	0.61	59	15	22 50-112
Dieldrin	2.0	1.97	97	2	18 50-152
Endrin	2.0	2.22	109	1	21 64-138
4,4'-DDT	2.0	2.28	112	4	27 69-129

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 6 outside limits

Spike Recovery: 0 out of 12 outside limits

FORM III PEST

3/90

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3E

WATER PCB MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh

Contract

Lab Code: 10142 Case No.:

SAS No.:

SDG No.:

Matrix Spike - STL Sample No.

ZZZZZ

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC
Aroclor 1242	2.0	0.0	1.62	81

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % RECOVERY	QC LIMITS
Aroclor 1242	2.0	1.64	82	43-93

FORM III PEST

3/90

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3E

WATER PCB MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh

Contract

Lab Code: 10142 Case No.:

SAS No.:

SDG No.:

Matrix Spike - STL Sample No.

MW-8B

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC
Aroclor 1242	4.1	0.0	3.33	82

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % RECOVERY	QC LIMITS
Aroclor 1242	4.1	3.84	94 *	43-93

FORM III PEST

3/90

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6
DUPLICATES

EPA SAMPLE NO.

MW-7D

Lab Name: STL Newburgh

Contract: COOPER

Lab Code: 10142 Case No.:

SAS No. :

SDG No. :

Matrix (soil/water): Water

Level (low/med) : LOW

% Solids for Sample: _____

% Solids for Duplicate: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

[illegible]

FORM VI - IN

ILM04.0

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SEVERN
TRENT **STL**

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 66-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

6
DUPLICATES

MW-8BD

% Solids for Duplicate: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

[illegible]

ILM04.0

SEVERN **STL**
TRENT

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6
DUPLICATES

MW-7D

% Solids for Duplicate: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

[illegible]

ILM04.0

**SEVERN
TRENT** **STL**

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6
DUPLICATES

MW-8BD

Contract: COOPER

SAS No. : _____

SDG No. :

Level (low/med): LOW

% Solids for Duplicate: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

[illegible]

ILM04.0

SEVERN
TRENT **STL**

NYSDOH 10142

NJDEP 73016

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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6
 DUPLICATES

MW-7D

Contract: _____

SAS No. :

SDG No. :

Level (low/med): LOW

% Solids for Sample: _____

% Solids for Duplicate:

Concentration Units (ug/L or mg/Kg dry weight): ug/L

[illegible]

ILM04.0

SEVERN
TRENT **STL**

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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6
 DUPLICATES

MW-8BD

Contract: _____

SAS No. :

SDG No. :

Level (low/med) : LOW

% Solids for Sample: _____

% Solids for Duplicate: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

[illegible]

FORM VI - IN

ILM04.0

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SEVERN
TRENT **STL**

NYSDOH 10142

NJOEP 73016

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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Newburgh, NY 12550
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Fax (845) 562-0841

6
DUPLICATES

ZZZZZMO

% Solids for Duplicate: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

[illegible]

ILM04.0

SEVERN
TRENT **STL**

M-NY049

STL Newburgh
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Newburgh, NY 12550
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Fax (845) 562-0841

6
 DUPLICATES

MW-7D

Contract: COOPER

SAS No. :

SDG No. :

Level (low/med): LOW

% Solids for Duplicate:

Concentration Units (ug/L or mg/Kg dry weight): ug/L

[illegible]

ILM04.0

SEVERN
TRENT **STL**

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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Tel (845) 562-0890
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6
 DUPLICATES

EPA SAMPLE NO.

MW-8BD

Lab Name: STL Newburgh

Contract: COOPER

Lab Code: 10142 Case No.: _____

SAS No. : _____

SDG No. :

Matrix (soil/water): Water

Level (low/med) : LOW

% Solids for Sample: _____

% Solids for Duplicate: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

[illegible]

FORM VI - IN

ILM04.0

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SEVERN
TRENT **STL**

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY048

PA 68-378

M-NY049

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MW-7S

Lab Name: STL Newburgh

Contract: COOPER

Lab Code: 10142 Case No.: _____

SAS No.:

SDG No. :

Matrix (soil/water): Water

Level (low/med): LOW

% Solids for Sample: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

[illegible]

Comments:

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FORM V - IN

SEVERN
TRENT **STL**

NYS DOH 10142

NJDEP 73016

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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5A
SPIKE SAMPLE RECOVERY

MW-8BS

Contract: COOPER

SAS No. :

SDG No. :

Level (low/med) : LOW

% Solids for Sample: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

Comments:

5A
SPIKE SAMPLE RECOVERY

MW-7S

Concentration Units (ug/L or mg/Kg dry weight): ug/L

Comments:

5A
SPIKE SAMPLE RECOVERY

MW-8BS

Contract : COOPER

SAS No. : _____

SDG No. :

Level (low/med) : LOW

% Solids for Sample: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

Comments:

FORM V - IN

**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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315 Elm Avenue
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Fax (845) 562-0841

5A
SPIKE SAMPLE RECOVERY

MW-7S

Contract: _____

SAS No. :

SDG No. :

Level (low/med) : LOW

% Solids for Sample: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

Comments :

5A
SPIKE SAMPLE RECOVERY

MW-8BS

% Solids for Sample: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

Comments :

5A
SPIKE SAMPLE RECOVERY

ZZZZZMS

% Solids for Sample: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

[illegible]

Comments:

5B
POST SPIKE SAMPLE RECOVERY

MW-7

Matrix (soil/water): Water Level (low/med): LOW

Concentration Units: ug/L[illegible]

Comments:

5B
POST SPIKE SAMPLE RECOVERY

MW-8B

Contract: COOPER

Lab Code: 10142 Case No.:

SAS No. : _____

SDG No. :

Matrix (soil/water): Water

Level (low/med): LOW

Concentration Units: ug/L

Comments:

5B
POST SPIKE SAMPLE RECOVERY

MW-8B

Matrix (soil/water): Water Level (low/med): LOW

Concentration Units: ug/L[illegible]

Comments:

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FORM V - IN

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TRENT **STL**

NYSDOH 10142

NJOEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY048

STL Newburgh
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QUALITY CONTROL RESULTS

Job Number.: 237960

Report Date.: 07/22/2004

CUSTOMER: InteGrayted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Test Method..... LAC 10210001A

Batch..... 72001

Analyst... Jpp

Method Description: Phenolics, Total Recoverable

Units..... mg/L

Test Code.: PHENTR

Parameter..... Phenolics, Total Recoverable

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result *	Limits	F	Date	Time
ICB			0								07/14/2004	0251
LCS		W04PHELCS1	0.036			0.041		87.8	81-109		07/14/2004	0251
MB			0								07/14/2004	0251
CCV		W02PHECCV1	0.051			0.050		102.0	91-111		07/14/2004	0251
CCB			0								07/14/2004	0251
MD	237960-13		0				0	0.0	15-15		07/14/2004	0251
MS	237960-13	W02PHESPK1	0.029			0.030	0	96.7	55-143		07/14/2004	0251
CCV		W02PHECCV1	0.049			0.050		98.0	91-111		07/14/2004	0251
CCB			0								07/14/2004	0251
MD	237960-15		0				0	0.0	15-15		07/14/2004	0251
MS	237960-15	W02PHESPK1	0.027			0.030	0	90.0	55-143		07/14/2004	0251
ICV		W02PHEICV1	0.051			0.050		102.0	91-111		07/14/2004	0251
CCV		W02PHECCV1	0.050			0.050		100.0	91-111		07/14/2004	0251
CCB			0								07/14/2004	0251
CCB			0								07/14/2004	0251
LCS		W04PHELCS1	0.037			0.041		90.2	81-109		07/14/2004	0251
	337984-2		0				0	0.0	15-15		07/14/2004	0251
	337984-2	W02PHESPK1	0.032			0.030	0	106.7	55-143		07/14/2004	0251
CCV		W02PHECCV1	0.050			0.050		100.0	91-111		07/14/2004	0251
CCB			0								07/14/2004	0251
CCV		W02PHECCV1	0.050			0.050		100.0	91-111		07/14/2004	0251
CCB			0								07/14/2004	0251
CCV		W02PHECCV1	0.049			0.050		98.0	91-111		07/14/2004	0251
CCB			0								07/14/2004	0251
CCV		W02PHECCV1	0.050			0.050		100.0	91-111		07/14/2004	0251

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4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK099

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Lab File ID: X8045.D Lab Sample ID: VBLK099
Date Analyzed: 7/12/2004 Time Analyzed: 20:41
GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Instrument ID: MS3

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MW-4A	237960-001	X8046.D	21:14
02	MW-4B	237960-002	X8047.D	21:46
03	MW-7	237960-013	X8048.D	22:18
04	MW-3N	237960-014	X8049.D	22:51
05	MW-8B	237960-015	X8050.D	23:23
06	MW-8A	237960-016	X8051.D	23:56

COMMENTS:

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NYSDOH 10142

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VLBK099

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: VLBK099

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8045.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 7/12/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
540-59-0	Total-1,2-Dichloroethene		U	10
1330-20-7	Xylenes, total		U	10

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FORM 100A
CTDOHS PR-0554

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK099

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: VBLK099
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8045.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. _____ Date Analyzed: 7/12/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/LNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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FORM 1 VOA TIC

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4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK013

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Lab File ID: X8053.D Lab Sample ID: VBLK013
Date Analyzed: 7/13/2004 Time Analyzed: 13:20
GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Instrument ID: MS3

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MW-2N	237960-017	X8054.D	14:02
02	FB	237960-018	X8055.D	14:34
03	MW-11A	237960-019	X8056.D	15:07
04	MW-11B	237960-020	X8057.D	15:39
05	MW-12	237960-023	X8058.D	16:13
06	MW-1N	237960-003	X8059.D	16:46
07	MW-9A	237960-004	X8060.D	17:38
08	MW-9B	237960-005	X8061.D	18:10
09	MW-5	237960-006	X8062.D	18:43
10	VBSPK10	VBSPK10	X8063.D	19:15

COMMENTS:

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK013

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: VBLK013
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8053.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 7/13/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 1 VOA
C100HS PH-0554

EPA NY049

PA 68-378

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK013

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: VBLK013
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8053.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. _____ Date Analyzed: 7/13/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

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3/00

VOLATILE METHOD BLANK SUMMARY

VBLK014

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Lab File ID: X8077.D Lab Sample ID: VBLK014
Date Analyzed: 7/14/2004 Time Analyzed: 11:08
GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Instrument ID: MS3

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MW-10	237960-007	X8078.D	11:52
02	MW-6B	237960-009	X8079.D	12:25
03	W-1S	237960-010	X8080.D	12:57
04	VBSPK014	VBSPK014	X8081.D	13:30
05	MW-8BMS	237960-015MS	X8082.D	14:03
06	MW-8BMSD	237960-015MSD	X8083.D	14:35
07	MW-13	237960-011	X8084.D	15:23
08	W-2S	237960-012	X8085.D	15:56
09	MW-1NDL	237960-003DL	X8086.D	16:29
10	MW-7MS	237960-013MS	X8087.D	17:01
11	MW-7MSD	237960-013MSD	X8088.D	17:34

COMMENTS:

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLK014

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: VBLK014

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8077.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 7/14/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
540-59-0	Total-1,2-Dichloroethene		U	10
1330-20-7	Xylenes, total		U	10

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NYSDOH 10142

NJDEP 73015

FORM 1-VOA
CTDOHS PH-0554

EPA NY049

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK014

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: VBLK014
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8077.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. _____ Date Analyzed: 7/14/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

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NYSDOH 10142

NJDEP 73016

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4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBK015

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Lab File ID: X8092.D Lab Sample ID: VBK015
Date Analyzed: 7/15/2004 Time Analyzed: 12:18
GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Instrument ID: MS3

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	W-3S	237960-021	X8099.D	16:56
02	TRIP BLANK	237960-022	X8100.D	17:40
03	VBSPK015	VBSPK015	X8101.D	18:12
04	MW-6A	237960-008	X8103.D	19:37

COMMENTS:

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FORM IV VOA

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VLBK015

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: VLBK015

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8092.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 7/15/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 1-VOA
CTDOHS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK015

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: VBLK015
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8092.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. _____ Date Analyzed: 7/15/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/LNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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**SEVERN
TRENT** **STL**

FORM I VOA-TIC

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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SEMIVOLATILE METHOD BLANK SUMMARY

SBLK33

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Lab File ID: S30341.D Lab Sample ID: SBLK33

Instrument ID: 5972-2 Date Extracted: 7/6/2004

Matrix: (soil/water) WATER Date Analyzed: 7/8/2004

Level: (low/med) LOW Time Analyzed: 14:51

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBSPK33	SBSPK33	S30342.D	7/8/2004
02	ZZZZZZ33MS	ZZZZZZ33MS	S30345.D	7/8/2004
03	ZZZZZZ33MSD	ZZZZZZ33MSD	S30346.D	7/8/2004
04	MW-4A	237960-001	S30349.D	7/8/2004
05	MW-4B	237960-002	S30350.D	7/8/2004
06	MW-1N	237960-003	S30351.D	7/8/2004
07	MW-9A	237960-004	S30352.D	7/8/2004
08	MW-9B	237960-005	S30353.D	7/8/2004
09	MW-5	237960-006	S30354.D	7/8/2004
10	MW-10	237960-007	S30355.D	7/8/2004

COMMENTS:

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK33

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: SBLK33
 Sample wt/vol: 1000.0 (g/ml) ML Lab File ID: S30341.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/6/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	10
108-95-2	Phenol		U	10
95-57-8	2-Chlorophenol		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
100-51-6	Benzyl alcohol		U	10
108-60-1	2,2'-oxybis(1-Chloropropane)		U	10
95-48-7	2-Methylphenol		U	10
67-72-1	Hexachloroethane		U	10
621-64-7	N-Nitroso-di-n-propylamine		U	10
106-44-5	4-Methylphenol		U	10
98-95-3	Nitrobenzene		U	10
78-59-1	Isophorone		U	10
88-75-5	2-Nitrophenol		U	10
105-67-9	2,4-Dimethylphenol		U	10
111-91-1	bis(2-Chloroethoxy)methane		U	10
120-83-2	2,4-Dichlorophenol		U	10
120-82-1	1,2,4-Trichlorobenzene		U	10
91-20-3	Naphthalene		U	10
106-47-8	4-Chloroaniline		U	10
87-68-3	Hexachlorobutadiene		U	10
59-50-7	4-Chloro-3-methylphenol		U	10
91-57-6	2-Methylnaphthalene		U	10
77-47-4	Hexachlorocyclopentadiene		U	10
88-06-2	2,4,6-Trichlorophenol		U	10
95-95-4	2,4,5-Trichlorophenol		U	50
91-58-7	2-Chloronaphthalene		U	10
88-74-4	2-Nitroaniline		U	25
208-96-8	Acenaphthylene		U	10
131-11-3	Dimethylphthalate		U	10
606-20-2	2,6-Dinitrotoluene		U	10
83-32-9	Acenaphthene		U	10
99-09-2	3-Nitroaniline		U	25
51-28-5	2,4-Dinitrophenol		U	25
132-64-9	Dibenzofuran		U	10
121-14-2	2,4-Dinitrotoluene		U	10

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NYS DOH 10142

NJ DEP 73015

FORM 1 SV 1

STL DOHS PH-0554

EPA NY049

PA 68-378

3/90

M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK33

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: SBLK33
 Sample wt/vol: 1000.0 (g/ml) ML Lab File ID: S30341.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/6/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	25
86-73-7	Fluorene		U	10
7005-72-3	4-Chlorophenyl-phenylether		U	10
84-66-2	Diethylphthalate		U	10
100-01-6	4-Nitroaniline		U	25
534-52-1	4,6-Dinitro-2-methylphenol		U	25
86-30-6	n-Nitrosodiphenylamine (1)		U	10
101-55-3	4-Bromophenyl-phenylether		U	10
118-74-1	Hexachlorobenzene		U	10
87-86-5	Pentachlorophenol		U	25
85-01-8	Phenanthrene		U	10
120-12-7	Anthracene		U	10
84-74-2	Di-n-butylphthalate		U	10
206-44-0	Fluoranthene		U	10
129-00-0	Pyrene		U	10
85-68-7	Butylbenzylphthalate		U	10
91-94-1	3,3'-Dichlorobenzidine		U	10
56-55-3	Benzo(a)anthracene		U	10
218-01-9	Chrysene		U	10
117-81-7	bis(2-Ethylhexyl)phthalate	3	J	10
117-84-0	Di-n-octylphthalate		U	10
205-99-2	Benzo(b)fluoranthene		U	10
207-08-9	Benzo(k)fluoranthene		U	10
50-32-8	Benzo(a)pyrene		U	10
193-39-5	Indeno(1,2,3-cd)pyrene		U	10
62-75-9	n-Nitrosodimethylamine		U	10
53-70-3	Dibenz(a,h)anthracene		U	10
191-24-2	Benzo(g,h,i)perylene		U	10

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**SEVERN
TRENT** STL

NYSDOH 10142

NJDEP 73015

FORM 1312

CTDOHS PH-0554

EPA NY049

PA 68-378

3/90

NY049

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK33

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: SBLK33
Sample wt/vol: 1000.0 (g/ml) ML Lab File ID: S30341.D
Level: (low/med) LOW Date Received: _____
% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/6/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown CnH2n	17.10	3	J
2.	Unknown	24.24	6	J

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SEVERN
TRENT STL

NYSDOH 10142

NJDEP 73015

FORM LSV-TIC
UTDOHS PH 0554

EPA NY049

PA 68-378

3/00
M-NY049STL Newburgh
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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK34

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Lab File ID: S30343.D Lab Sample ID: SBLK34
Instrument ID: 5972-2 Date Extracted: 7/7/2004
Matrix: (soil/water) WATER Date Analyzed: 7/8/2004
Level: (low/med) LOW Time Analyzed: 16:02

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBSPK34	SBSPK34	S30344.D	7/8/2004
02	MW-6B	237960-009	S30356.D	7/8/2004
03	W-2S	237960-012	S30357.D	7/8/2004
04	W-1S	237960-010	S30358.D	7/8/2004
05	MW-7MS	237960-013MS	S30397.D	7/13/2004
06	MW-7MSD	237960-013MSD	S30398.D	7/13/2004
07	MW-6A	237960-008	S30421.D	7/15/2004
08	MW-6ARE	237960-008RE	S30422.D	7/15/2004

COMMENTS:

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK34

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: SBLK34

Sample wt/vol: 1000.0 (g/ml) ML Lab File ID: S30343.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/7/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	10
108-95-2	Phenol		U	10
95-57-8	2-Chlorophenol		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
100-51-6	Benzyl alcohol		U	10
108-60-1	2,2'-oxybis(1-Chloropropane)		U	10
95-48-7	2-Methylphenol		U	10
67-72-1	Hexachloroethane		U	10
621-64-7	N-Nitroso-di-n-propylamine		U	10
106-44-5	4-Methylphenol		U	10
98-95-3	Nitrobenzene		U	10
78-59-1	Isophorone		U	10
88-75-5	2-Nitrophenol		U	10
105-67-9	2,4-Dimethylphenol		U	10
111-91-1	bis(2-Chloroethoxy)methane		U	10
120-83-2	2,4-Dichlorophenol		U	10
120-82-1	1,2,4-Trichlorobenzene		U	10
91-20-3	Naphthalene		U	10
106-47-8	4-Chloroaniline		U	10
87-68-3	Hexachlorobutadiene		U	10
59-50-7	4-Chloro-3-methylphenol		U	10
91-57-6	2-Methylnaphthalene		U	10
77-47-4	Hexachlorocyclopentadiene		U	10
88-06-2	2,4,6-Trichlorophenol		U	10
95-95-4	2,4,5-Trichlorophenol		U	50
91-58-7	2-Chloronaphthalene		U	10
88-74-4	2-Nitroaniline		U	25
208-96-8	Acenaphthylene		U	10
131-11-3	Dimethylphthalate		U	10
606-20-2	2,6-Dinitrotoluene		U	10
83-32-9	Acenaphthene		U	10
99-09-2	3-Nitroaniline		U	25
51-28-5	2,4-Dinitrophenol		U	25
132-64-9	Dibenzofuran		U	10
121-14-2	2,4-Dinitrotoluene		U	10

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV 1

SDOHS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK34

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: SBLK34

Sample wt/vol: 1000.0 (g/ml) ML Lab File ID: S30343.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/7/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	25
86-73-7	Fluorene		U	10
7005-72-3	4-Chlorophenyl-phenylether		U	10
84-66-2	Diethylphthalate		U	10
100-01-6	4-Nitroaniline		U	25
534-52-1	4,6-Dinitro-2-methylphenol		U	25
86-30-6	n-Nitrosodiphenylamine (1)		U	10
101-55-3	4-Bromophenyl-phenylether		U	10
118-74-1	Hexachlorobenzene		U	10
87-86-5	Pentachlorophenol		U	25
85-01-8	Phenanthrene		U	10
120-12-7	Anthracene		U	10
84-74-2	Di-n-butylphthalate		U	10
206-44-0	Fluoranthene		U	10
129-00-0	Pyrene		U	10
85-68-7	Butylbenzylphthalate		U	10
91-94-1	3,3'-Dichlorobenzidine		U	10
56-55-3	Benzo(a)anthracene		U	10
218-01-9	Chrysene		U	10
117-81-7	bis(2-Ethylhexyl)phthalate	2	J	10
117-84-0	Di-n-octylphthalate		U	10
205-99-2	Benzo(b)fluoranthene		U	10
207-08-9	Benzo(k)fluoranthene		U	10
50-32-8	Benzo(a)pyrene		U	10
193-39-5	Indeno(1,2,3-cd)pyrene		U	10
62-75-9	n-Nitrosodimethylamine		U	10
53-70-3	Dibenz(a,h)anthracene		U	10
191-24-2	Benzo(g,h,i)perylene		U	10

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV 2

STL DOHS PH-0554

EPA NY049

PA 68-378

3/90

M-NY049

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK34

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: SBLK34
Sample wt/vol: 1000.0 (g/ml) ML Lab File ID: S30343.D
Level: (low/med) LOW Date Received: _____
% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/7/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-TIC
CTDOH9 PH-0554

EPA NY049

PA 68-378

9/00
M-NY049STL Newburgh
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SEMIVOLATILE METHOD BLANK SUMMARY

SBLK37

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Lab File ID: S30383.D Lab Sample ID: SBLK37

Instrument ID: 5972-2 Date Extracted: 7/8/2004

Matrix: (soil/water) WATER Date Analyzed: 7/12/2004

Level: (low/med) LOW Time Analyzed: 17:50

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBSPK37	SBSPK37	S30384.D	7/12/2004
02	MW-13	237960-011	S30386.D	7/12/2004
03	MW-7	237960-013	S30387.D	7/12/2004
04	MW-3N	237960-014	S30388.D	7/12/2004
05	MW-8B	237960-015	S30389.D	7/12/2004
06	MW-8A	237960-016	S30390.D	7/12/2004
07	MW-2N	237960-017	S30391.D	7/12/2004
08	FB	237960-018	S30392.D	7/12/2004
09	MW-11A	237960-019	S30393.D	7/12/2004
10	MW-11B	237960-020	S30394.D	7/13/2004
11	W-3S	237960-021	S30395.D	7/13/2004
12	MW-12	237960-023	S30396.D	7/13/2004

COMMENTS:

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK37

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: SBLK37

Sample wt/vol: 1000.0 (g/ml) ML Lab File ID: S30383.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted:(Y/N) N Date Extracted: 7/8/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	10
108-95-2	Phenol		U	10
95-57-8	2-Chlorophenol		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
100-51-6	Benzyl alcohol		U	10
108-60-1	2,2'-oxybis(1-Chloropropane)		U	10
95-48-7	2-Methylphenol		U	10
67-72-1	Hexachloroethane		U	10
621-64-7	N-Nitroso-di-n-propylamine		U	10
106-44-5	4-Methylphenol		U	10
98-95-3	Nitrobenzene		U	10
78-59-1	Isophorone		U	10
88-75-5	2-Nitrophenol		U	10
105-67-9	2,4-Dimethylphenol		U	10
111-91-1	bis(2-Chloroethoxy)methane		U	10
120-83-2	2,4-Dichlorophenol		U	10
120-82-1	1,2,4-Trichlorobenzene		U	10
91-20-3	Naphthalene		U	10
106-47-8	4-Chloroaniline		U	10
87-68-3	Hexachlorobutadiene		U	10
59-50-7	4-Chloro-3-methylphenol		U	10
91-57-6	2-Methylnaphthalene		U	10
77-47-4	Hexachlorocyclopentadiene		U	10
88-06-2	2,4,6-Trichlorophenol		U	10
95-95-4	2,4,5-Trichlorophenol		U	50
91-58-7	2-Chloronaphthalene		U	10
88-74-4	2-Nitroaniline		U	25
208-96-8	Acenaphthylene		U	10
131-11-3	Dimethylphthalate		U	10
606-20-2	2,6-Dinitrotoluene		U	10
83-32-9	Acenaphthene		U	10
99-09-2	3-Nitroaniline		U	25
51-28-5	2,4-Dinitrophenol		U	25
132-64-9	Dibenzofuran		U	10
121-14-2	2,4-Dinitrotoluene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

SDOHS PH-0554

EPA NY049

PA 68-378

3/90

NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK37

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: SBLK37
 Sample wt/vol: 1000.0 (g/ml) ML Lab File ID: S30383.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	25
86-73-7	Fluorene		U	10
7005-72-3	4-Chlorophenyl-phenylether		U	10
84-66-2	Diethylphthalate		U	10
100-01-6	4-Nitroaniline		U	25
534-52-1	4,6-Dinitro-2-methylphenol		U	25
86-30-6	n-Nitrosodiphenylamine (1)		U	10
101-55-3	4-Bromophenyl-phenylether		U	10
118-74-1	Hexachlorobenzene		U	10
87-86-5	Pentachlorophenol		U	25
85-01-8	Phenanthrene		U	10
120-12-7	Anthracene		U	10
84-74-2	Di-n-butylphthalate		U	10
206-44-0	Fluoranthene		U	10
129-00-0	Pyrene		U	10
85-68-7	Butylbenzylphthalate		U	10
91-94-1	3,3'-Dichlorobenzidine		U	10
56-55-3	Benzo(a)anthracene		U	10
218-01-9	Chrysene		U	10
117-81-7	bis(2-Ethylhexyl)phthalate		U	10
117-84-0	Di-n-octylphthalate		U	10
205-99-2	Benzo(b)fluoranthene		U	10
207-08-9	Benzo(k)fluoranthene		U	10
50-32-8	Benzo(a)pyrene		U	10
193-39-5	Indeno(1,2,3-cd)pyrene		U	10
62-75-9	n-Nitrosodimethylamine		U	10
53-70-3	Dibenz(a,h)anthracene		U	10
191-24-2	Benzo(g,h,i)perylene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 101-2

CTDORS PH-0554

EPA NY049

PA 68-378

3/99
M-NY049

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK37

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: SBLK37
Sample wt/vol: 1000.0 (g/ml) ML Lab File ID: S30383.D
Level: (low/med) LOW Date Received: _____
% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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STL

NYS DOH 10142

NJ DEP 73015

FORM 1 SV-TIC
STL DOH 10142

EPA NY049

PA 68-378

9/00
M-NY049

STL Newburgh
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Tel (845) 562-0890
Fax (845) 562-0841

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK43

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Lab File ID: S30440.D Lab Sample ID: SBLK43
Instrument ID: 5972-2 Date Extracted: 7/14/2004
Matrix: (soil/water) WATER Date Analyzed: 7/19/2004
Level: (low/med) LOW Time Analyzed: 13:01

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBSPK43	SBSPK43	S30441.D	7/19/2004
02	MW-8ARR	237960-016RR	S30447.D	7/19/2004

COMMENTS:

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK43

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: SBLK43

Sample wt/vol: 1000.0 (g/ml) ML Lab File ID: S30440.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/14/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/19/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	10
108-95-2	Phenol		U	10
95-57-8	2-Chlorophenol		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
100-51-6	Benzyl alcohol		U	10
108-60-1	2,2'-oxybis(1-Chloropropane)		U	10
95-48-7	2-Methylphenol		U	10
67-72-1	Hexachloroethane		U	10
621-64-7	N-Nitroso-di-n-propylamine		U	10
106-44-5	4-Methylphenol		U	10
98-95-3	Nitrobenzene		U	10
78-59-1	Isophorone		U	10
88-75-5	2-Nitrophenol		U	10
105-67-9	2,4-Dimethylphenol		U	10
111-91-1	bis(2-Chloroethoxy)methane		U	10
120-83-2	2,4-Dichlorophenol		U	10
120-82-1	1,2,4-Trichlorobenzene		U	10
91-20-3	Naphthalene		U	10
106-47-8	4-Chloroaniline		U	10
87-68-3	Hexachlorobutadiene		U	10
59-50-7	4-Chloro-3-methylphenol		U	10
91-57-6	2-Methylnaphthalene		U	10
77-47-4	Hexachlorocyclopentadiene		U	10
88-06-2	2,4,6-Trichlorophenol		U	10
95-95-4	2,4,5-Trichlorophenol		U	50
91-58-7	2-Chloronaphthalene		U	10
88-74-4	2-Nitroaniline		U	25
208-96-8	Acenaphthylene		U	10
131-11-3	Dimethylphthalate		U	10
606-20-2	2,6-Dinitrotoluene		U	10
83-32-9	Acenaphthene		U	10
99-09-2	3-Nitroaniline		U	25
51-28-5	2,4-Dinitrophenol		U	25
132-64-9	Dibenzofuran		U	10
121-14-2	2,4-Dinitrotoluene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 1 SV 1

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK43

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: SBLK43
 Sample wt/vol: 1000.0 (g/ml) ML Lab File ID: S30440.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/14/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/19/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	25
86-73-7	Fluorene		U	10
7005-72-3	4-Chlorophenyl-phenylether		U	10
84-66-2	Diethylphthalate		U	10
100-01-6	4-Nitroaniline		U	25
534-52-1	4,6-Dinitro-2-methylphenol		U	25
86-30-6	n-Nitrosodiphenylamine (1)		U	10
101-55-3	4-Bromophenyl-phenylether		U	10
118-74-1	Hexachlorobenzene		U	10
87-86-5	Pentachlorophenol		U	25
85-01-8	Phenanthrene		U	10
120-12-7	Anthracene		U	10
84-74-2	Di-n-butylphthalate		U	10
206-44-0	Fluoranthene		U	10
129-00-0	Pyrene		U	10
85-68-7	Butylbenzylphthalate		U	10
91-94-1	3,3'-Dichlorobenzidine		U	10
56-55-3	Benzo(a)anthracene		U	10
218-01-9	Chrysene		U	10
117-81-7	bis(2-Ethylhexyl)phthalate		U	10
117-84-0	Di-n-octylphthalate		U	10
205-99-2	Benzo(b)fluoranthene		U	10
207-08-9	Benzo(k)fluoranthene		U	10
50-32-8	Benzo(a)pyrene		U	10
193-39-5	Indeno(1,2,3-cd)pyrene		U	10
62-75-9	n-Nitrosodimethylamine		U	10
53-70-3	Dibenz(a,h)anthracene		U	10
191-24-2	Benzo(g,h,i)perylene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 10142

CHDOHS PH-0554

EPA NY049

PA 68-378

3/99
M-NY049

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Newburgh, NY 12550
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Fax (845) 562-0841

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK43

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: SBLK43
Sample wt/vol: 1000.0 (g/ml) ML Lab File ID: S30440.D
Level: (low/med) LOW Date Received: _____
% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/14/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/19/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 10142
NYSDOH PH-0554

EPA NY049

PA 68-378

2/00
M-NY049STL Newburgh
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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

4C
PESTICIDE METHOD BLANK SUMMARY

8081

EPA SAMPLE NO.

PBLK22

Lab Name: STL Newburgh

Contract:

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

Lab Sample ID: PBLK22

Lab File ID: HP7552.d

Matrix : (soil/water) WATER

Extraction: (SepF/Cont/Sonc) SepF

Sulfur Cleanup: (Y/N) Y

Date Extracted: 7/6/04

Date Analyzed (1): 7/17/04

Date Analyzed (2): 7/17/04

Time Analyzed (1): 21:06

Time Analyzed (2): 21:06

Instrument ID (1): 5890-1

Instrument ID (2): 5890-1

GC Column (1): Rtx-CLPest

ID: 0.32 (mm)

GC Column (2): Rtx-CLPest2

ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE NO.	DATE ANALYZED 1	DATE ANALYZED 2
1	PBSPK22	PBSPK22	7/17/04	7/17/04
2	ZZZZZMS	237872-05MS	7/18/04	7/18/04
3	ZZZZZMSD	237872-05MSD	7/18/04	7/18/04
4	MW-4A	237960-01	7/18/04	7/18/04
5	MW-4B	237960-02	7/18/04	7/18/04
6				
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NYSDOH 10142

NJDEP 73015

CTDOH 10142

PA 68-378

PA 68-378

M-NY049 3790

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315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

PESTICIDE ANALYSIS DATA SHEET

Client ID: PBLK22
STL Lab No.: PBLK22
Client Name: Integreyted International, LLC
Project Name: Cooper 0310025P
% Solid: 100
Matrix: Water
Sample Wt/Vol.: 1000 ml
Level: Low

Date Collected:
Date Received:
Date Extracted: 7/6/2004
Date Analyzed: 7/17/2004
Report Date: 7/20/2004
Column: Rtx-CLPesticides
Lab File ID: HP7552.D
Dilution Factor: 1

CAS No.	Compound	Detection Limit ug/l	Conc ug/l
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC(Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor Epoxide	0.05	U
959-98-8	Endosulfan I	0.1	U
60-57-1	Dieldrin	0.1	U
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan Sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
7421-36-3	Endrin Aldehyde	0.1	U
57-74-9	Technical Chlordane	0.5	U
8001-35-2	Toxaphene	1.0	U

FORM I - PEST

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK22

Lab Name: STL Newburgh

Contract:

Code: 10142

Case No.:

SAS No.:

SDG No.:

Lab Sample ID : PBLK22

Lab File ID: 2HP8425.d

Matrix : (soil/water) WATER

Extraction: (SepF/Cont/Sonc) SepF

Sulfur Cleanup: (Y/N) Y

Date Extracted : 7/6/04

Date Analyzed (1) : 7/9/04

Date Analyzed (2) : 7/9/04

Time Analyzed (1) : 1:05

Time Analyzed (2) : 1:05

Instrument ID (1) : 5890-2

Instrument ID (2) : 5890-2

GC Column (1): DB-5

ID: 0.32 (mm)

GC Column (2): DB1701P

ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE NO.	DATE ANALYZED 1	DATE ANALYZED 2
1	PBSPK22	PBSPK22	7/09/04	7/09/04
2	MW-4A	237960-01	7/09/04	7/09/04
3	MW-4B	237960-02	7/09/04	7/09/04
4	ZZZZZMS	ZZZZZMS	7/09/04	7/09/04
5	ZZZZZMSD	ZZZZZMSD	7/09/04	7/09/04
6				
7				
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NYS DOH 10142

NJ DEP 73015

CT DEP 10501

PA DEP 10501

PA 68-378

M-NY 04/90

STL Newburgh
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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

PCB ANALYSIS DATA SHEET

Client ID: PBLK22
STL Lab No.: PBLK22
Client Name: InteGreyted International, LLC
Project Name: Cooper 0310025P
% Solid: 100
Matrix: Water
Sample Wt/Vol.: 1000 ml
Level: Low

Date Collected:
Date Received:
Date Extracted: 7/7/2004
Date Analyzed: 7/9/2004
Report Date: 7/20/2004
Column: DB-5/DB-1701P
Lab File ID: HP8425.D
Dilution Factor: 1

[illegible]

FORM I - PEST

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NYS DOH 10142

NJDEP 73016

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STC Newburgh
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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

4C
PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK23

Lab Name: STL Newburgh

Contract:

b Code: 10142

Case No.:

SAS No.:

SDG No.:

Lab Sample ID : PBLK23

Lab File ID: HP7327.d

Matrix : (soil/water) WATER

Extraction: (SepF/Cont/Sonc) SepF

Sulfur Cleanup: (Y/N) Y

Date Extracted : 7/7/04

Date Analyzed (1) : 7/13/04

Date Analyzed (2) : 7/13/04

Time Analyzed (1) : 0:14

Time Analyzed (2) : 0:14

Instrument ID (1) : 5890-1

Instrument ID (2) : 5890-1

GC Column (1): Rtx-CLPest

ID: 0.32 (mm)

GC Column (2): Rtx-CLPest2

ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE NO.	DATE ANALYZED 1	DATE ANALYZED 2
1	PBSPK23	PBSPK23	7/13/04	7/13/04
2	MW-1N	237960-03	7/13/04	7/13/04
3	MW-9A	237960-04	7/13/04	7/13/04
4	MW-9B	237960-05	7/13/04	7/13/04
5	MW-5	237960-06	7/13/04	7/13/04
6	MW-10	237960-07	7/13/04	7/13/04
7	MW-6A	237960-08	7/13/04	7/13/04
8	MW-6B	237960-09	7/13/04	7/13/04
9	W-1S	237960-10	7/13/04	7/13/04
10	MW-13	237960-11	7/13/04	7/13/04
11	W-2S	237960-12	7/13/04	7/13/04
12	MW-7	237960-13	7/13/04	7/13/04
13	MW-3N	237960-14	7/13/04	7/13/04
14	MW-8B	237960-15	7/13/04	7/13/04
15	MW-8A	237960-16	7/13/04	7/13/04
16	MW-2N	237960-17	7/13/04	7/13/04
17	FB	237960-18	7/13/04	7/13/04
18	MW-11A	237960-19	7/13/04	7/13/04
19	MW-11B	237960-20	7/13/04	7/13/04
20	W-3S	237960-21	7/13/04	7/13/04
21	MW-12	237960-23	7/13/04	7/13/04
22	MW-8BMS	237960-15MS	7/13/04	7/13/04
23	MW-8BMSD	237960-15MSD	7/13/04	7/13/04
24				
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28				

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**SEVERN
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NYSDOH 10142

NJDEP 73015

CTDOH5 P10594

FORM IV PEST

EPA NY049

PA 68-378

M-NY049 3790

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Fax (845) 562-0841

PESTICIDE ANALYSIS DATA SHEET

Client ID: PBLK23
STL Lab No.: PBLK23
Client Name: InteGreyted International, LLC
Project Name: Cooper 0310025P
% Solid: 100
Matrix: Water
Sample Wt/Vol.: 1000 ml
Level: Low

Date Collected:
Date Received:
Date Extracted: 7/7/2004
Date Analyzed: 7/13/2004
Report Date: 7/12/2004
Column: Rtx-CLPest
Lab File ID: HP7327.D
Dilution Factor: 1

CAS No.	Compound	Detection Limit ug/l	Conc ug/l
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC(Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor Epoxide	0.05	U
959-98-8	Endosulfan I	0.1	U
60-57-1	Dieldrin	0.1	U
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan Sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
7421-36-3	Endrin Aldehyde	0.1	U
57-74-9	Technical Chlordane	0.5	U
8001-35-2	Toxaphene	1.0	U

FORM I - PEST

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NYSDOH 10142

NJDEP 73016

CTDOHS PH-0554

EPA NY049

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Tel (845) 562-0890
Fax (845) 562-0841

PESTICIDE METHOD BLANK SUMMARY

PBLK23

Lab Name: STL Newburgh

Contract:

Lab Code: 10142

Case No.:

SAS No.:

SDG No.:

Lab Sample ID: PBLK23

Lab File ID: 2HP8472.d

Matrix: (soil/water) WATER

Extraction: (SepF/Cont/Sonc) SepF

Sulfur Cleanup: (Y/N) Y

Date Extracted: 7/7/04

Date Analyzed (1): 7/12/04

Date Analyzed (2): 7/12/04

Time Analyzed (1): 22:25

Time Analyzed (2): 22:25

Instrument ID (1): 5890-2

Instrument ID (2): 5890-2

GC Column (1): DB-5

ID: 0.32 (mm)

GC Column (2): DB1701P

ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE NO.	DATE ANALYZED 1	DATE ANALYZED 2
1	PBSPK23	PBSPK23	7/12/04	7/12/04
2	MW-1N	237960-03	7/12/04	7/12/04
3	MW-9A	237960-04	7/12/04	7/12/04
4	MW-9B	237960-05	7/13/04	7/13/04
5	MW-5	237960-06	7/13/04	7/13/04
6	MW-10	237960-07	7/13/04	7/13/04
7	MW-6A	237960-08	7/13/04	7/13/04
8	MW-6B	237960-09	7/13/04	7/13/04
9	W-1S	237960-10	7/13/04	7/13/04
10	MW-13	237960-11	7/13/04	7/13/04
11	W-2S	237960-12	7/13/04	7/13/04
12	MW-7	237960-13	7/13/04	7/13/04
13	MW-3N	237960-14	7/13/04	7/13/04
14	MW-8B	237960-15	7/13/04	7/13/04
15	MW-8A	237960-16	7/13/04	7/13/04
16	MW-2N	237960-17	7/13/04	7/13/04
17	FB	237960-18	7/13/04	7/13/04
18	MW-11A	237960-19	7/13/04	7/13/04
19	MW-11B	237960-20	7/13/04	7/13/04
20	W-3S	237960-21	7/13/04	7/13/04
21	MW-12	237960-23	7/13/04	7/13/04
22	MW-8BMS	237960-15MS	7/13/04	7/13/04
23	MW-8BMSD	237960-15MSD	7/13/04	7/13/04
24				
25				
26				

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SEVERN
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STL

NYSDOH 10142

NJDEP 73015

CTDEP 100517

PEST EPA NY049

PA 68-378

M-NY049/90

STL Newburgh
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Newburgh, NY 12550
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Fax (845) 562-0841

PCB ANALYSIS DATA SHEET

Client ID: PBLK23
STL Lab No.: PBLK23
Client Name: InteGreyted International, LLC
Project Name: Cooper 0310025P
% Solid: 100
Matrix: Water
Sample Wt/Vol.: 1000 ml
Level: Low

Date Collected:
Date Received:
Date Extracted: 7/7/2004
Date Analyzed: 7/12/2004
Report Date: 7/20/2004
Column: DB-5/DB-1701P
Lab File ID: HP8472.D
Dilution Factor: 1

[illegible]

FORM I - PEST

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): ug/L[illegible]

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Newburgh, NY 12550
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Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): _____

[illegible]

ILM04.0

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Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS.

Preparation Blank Concentration Units (ug/L or mg/kg): _____

[illegible]

ILM04.0

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

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BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): ug/L

[illegible]

ILM04.0

SEVERN
TRENT **STL**

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Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): _____

[illegible]

ILM04.0

SEVERN-STL

M-NY049

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315 Fullerton Avenue
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BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): ug/L

[illegible]**SEVERN**
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Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): _____

[illegible]**SEVERN**
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Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): _____

[illegible]

ILM04.0

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Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): ug/L[illegible]**SEVERN
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BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): _____

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3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): _____

[illegible]**SEVERN**
TRENT **STL**

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Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): ug/L[illegible]

ILM04.0

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Newburgh, NY 12550
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Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): _____

[illegible]

ILM04.0

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Fax (845) 562-0841

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BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): ug/L[illegible]

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Tel (845) 562-0890
Fax (845) 562-0841

3
BLANKS

Preparation Blank Concentration Units (ug/L or mg/kg): ug/L

[illegible]

ILM04.0

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Newburgh, NY 12550
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SAMPLE DATA SUMMARY PACKAGE

InteGreyted International, LLC

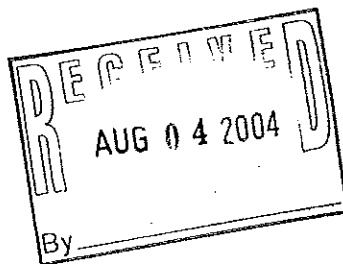
Syracuse, NY

Project: Cooper 0310025P

STL Lab. #: 237960

Matrix: Water

1 of 2



SAMPLE INFORMATION

Date: 07/22/2004

Job Number.: 237960
Customer...: InteGreyted International, LLC
Attn.....: Mark Schumacher

Project Number.....: 20001335
Customer Project ID....: COOPER 0310025P
Project Description....: Cooper/C-H

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
237960-1	MW-4A	Water	06/30/2004	15:00	07/02/2004	15:00
237960-2	MW-4B	Water	06/30/2004	17:45	07/02/2004	15:00
237960-3	MW-1N	Water	07/01/2004	08:50	07/02/2004	15:00
237960-4	MW-9A	Water	07/01/2004	08:45	07/02/2004	15:00
237960-5	MW-9B	Water	07/01/2004	10:30	07/02/2004	15:00
237960-6	MW-5	Water	07/01/2004	10:40	07/02/2004	15:00
237960-7	MW-10	Water	07/01/2004	11:20	07/02/2004	15:00
237960-8	MW-6A	Water	07/01/2004	13:10	07/02/2004	15:00
237960-9	MW-6B	Water	07/01/2004	13:35	07/02/2004	15:00
237960-10	W-1S	Water	07/01/2004	16:15	07/02/2004	15:00
237960-11	MW-13	Water	07/01/2004	13:10	07/02/2004	15:00
237960-12	W-2S	Water	07/01/2004	15:00	07/02/2004	15:00
237960-13	MW-7	Water	06/30/2004	11:40	07/02/2004	15:00
237960-14	MW-3N	Water	06/30/2004	13:10	07/02/2004	15:00
237960-15	MW-8B	Water	06/30/2004	15:10	07/02/2004	15:00
237960-16	MW-8A	Water	06/30/2004	16:20	07/02/2004	15:00
237960-17	MW-2N	Water	06/30/2004	17:10	07/02/2004	15:00
237960-18	FB	Water	06/30/2004	16:30	07/02/2004	15:00
237960-19	MW-11A	Water	06/30/2004	10:20	07/02/2004	15:00
237960-20	MW-11B	Water	06/30/2004	13:00	07/02/2004	15:00
237960-21	W-3S	Water	07/01/2004	13:00	07/02/2004	15:00
237960-22	Trip Blank	Water	07/01/2004	00:00	07/02/2004	15:00
237960-23	MW-12	Water	06/30/2004	00:00	07/02/2004	15:00

000008

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

LABORATORY CHRONICLE

Job Number: 237960

Date: 07/22/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237960-1	Client ID: MW-4A	Date Recvd: 07/02/2004	Sample Date: 06/30/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	DATE/TIME ANALYZED	DILUTION
SW846 5030(5mL)	5030 5 mL Purge Prep	1	72138			
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	71351		07/06/2004	0845
SM18 4500CNE	Cyanide, Total	1	71534		07/06/2004	0800
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	71409			
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	71412			
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	71406			
EPA 245.1	Mercury (CVAA)	1	71471		07/06/2004	2111
EPA 200.7	Metals Analysis (ICP)	1	72141	71351	07/15/2004	1154
EPA 200.7	Metals Analysis (ICP)	1	72175	71351	07/16/2004	1037
SW846 8081A	Organochlorine Pesticide Analysis	1				
SW846 8082	PCB Analysis	1	72322		07/09/2004	0000
LAC 10210001A	Phenolics, Total Recoverable	1	72001		07/14/2004	0251
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	72227			
QA Services	Quality Assurance Services	1	72353			
SW846 8270C	Semivolatile Organics	1	72368		07/08/2004	1824
SW846 8260B	Volatile Organics	1	72228			1

Lab ID: 237960-2	Client ID: MW-4B	Date Recvd: 07/02/2004	Sample Date: 06/30/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	DATE/TIME ANALYZED	DILUTION
SW846 5030(5mL)	5030 5 mL Purge Prep	1	72138			
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	71351		07/06/2004	0845
SM18 4500CNE	Cyanide, Total	1	71534		07/06/2004	0800
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	71409			
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	71412			
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	71406			
EPA 245.1	Mercury (CVAA)	1	71471		07/06/2004	2113
EPA 200.7	Metals Analysis (ICP)	1	72141	71351	07/15/2004	1158
EPA 200.7	Metals Analysis (ICP)	1	72175	71351	07/16/2004	1041
SW846 8081A	Organochlorine Pesticide Analysis	1				
SW846 8082	PCB Analysis	1	72322		07/09/2004	0000
LAC 10210001A	Phenolics, Total Recoverable	1	72001		07/14/2004	0251
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	72227			
QA Services	Quality Assurance Services	1	72353			
SW846 8270C	Semivolatile Organics	1	72368		07/08/2004	1900
SW846 8260B	Volatile Organics	1	72228			1

Lab ID: 237960-3	Client ID: MW-1N	Date Recvd: 07/02/2004	Sample Date: 07/01/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	DATE/TIME ANALYZED	DILUTION
SW846 5030(5mL)	5030 5 mL Purge Prep	1	72138			
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	71351		07/06/2004	0845
SM18 4500CNE	Cyanide, Total	1	71534		07/06/2004	0800
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	71492			
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	71495			
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	71406			
EPA 245.1	Mercury (CVAA)	1	71471		07/06/2004	2115
EPA 200.7	Metals Analysis (ICP)	1	72141	71351	07/15/2004	1203
EPA 200.7	Metals Analysis (ICP)	1	72175	71351	07/16/2004	1044
SW846 8081A	Organochlorine Pesticide Analysis	1				
SW846 8082	PCB Analysis	1	72326		07/12/2004	0000
LAC 10210001A	Phenolics, Total Recoverable	1	72001		07/14/2004	0251
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	72227			
QA Services	Quality Assurance Services	1	72353			

000009

LABORATORY CHRONICLE

Job Number: 237960

Date: 07/22/2004

CUSTOMER: InteGryted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237960-3 Client ID: MW-1N
 METHOD DESCRIPTION
 SW846 8270C Semivolatile Organics
 SW846 8260B Volatile Organics

Date Recvd: 07/02/2004 Sample Date: 07/01/2004
 RUN# BATCH# PREP BT #(S) DATE/TIME ANALYZED DILUTION
 1 72368 07/08/2004 1935 1
 1 72228

Lab ID: 237960-4 Client ID: MW-9A
 METHOD DESCRIPTION
 SW846 5030(5mL) 5030 5 mL Purge Prep
 EPA 200.7 Acid Digestion, Total Recoverable(ICAP)
 SM18 4500CNE Cyanide, Total
 SW846 3510C Extraction Sep. Funnel (Chlor.Pest)
 SW846 3510C Extraction Sep. Funnel (PCBs)
 SW846 3510C Extraction Sep. Funnel (SVOC)
 EPA 245.1 Mercury (CVAA)
 EPA 200.7 Metals Analysis (ICP)
 EPA 200.7 Metals Analysis (ICP)
 SW846 8081A Organochlorine Pesticide Analysis
 SW846 8082 PCB Analysis
 LAC 10210001A Phenolics, Total Recoverable
 QA Services Quality Assurance Services
 QA Services Quality Assurance Services
 QA Services Quality Assurance Services
 SW846 8270C Semivolatile Organics
 SW846 8260B Volatile Organics

Date Recvd: 07/02/2004 Sample Date: 07/01/2004
 RUN# BATCH# PREP BT #(S) DATE/TIME ANALYZED DILUTION
 1 72138
 1 71351 07/06/2004 0845
 1 71525 07/07/2004 0900
 1 71492
 1 71495
 1 71406
 1 71471 07/06/2004 2117
 1 72141 71351 07/15/2004 1208 2.000
 1 72175 71351 07/16/2004 1047 2.000
 1 72326 07/12/2004 0000 1.02
 1 72001 07/14/2004 0251
 1 72227
 1 72353
 1 72368 07/08/2004 2011 1
 1 72228

ID: 237960-5 Client ID: MW-9B
 METHOD DESCRIPTION
 SW846 5030(5mL) 5030 5 mL Purge Prep
 EPA 200.7 Acid Digestion, Total Recoverable(ICAP)
 SM18 4500CNE Cyanide, Total
 SW846 3510C Extraction Sep. Funnel (Chlor.Pest)
 SW846 3510C Extraction Sep. Funnel (PCBs)
 SW846 3510C Extraction Sep. Funnel (SVOC)
 EPA 245.1 Mercury (CVAA)
 EPA 200.7 Metals Analysis (ICP)
 EPA 200.7 Metals Analysis (ICP)
 SW846 8081A Organochlorine Pesticide Analysis
 SW846 8082 PCB Analysis
 LAC 10210001A Phenolics, Total Recoverable
 QA Services Quality Assurance Services
 QA Services Quality Assurance Services
 QA Services Quality Assurance Services
 SW846 8270C Semivolatile Organics
 SW846 8260B Volatile Organics

Date Recvd: 07/02/2004 Sample Date: 07/01/2004
 RUN# BATCH# PREP BT #(S) DATE/TIME ANALYZED DILUTION
 1 72138
 1 71351 07/06/2004 0845
 1 71525 07/07/2004 0900
 1 71492
 1 71495
 1 71406
 1 71471 07/06/2004 2119
 1 72141 71351 07/15/2004 1212 2.000
 1 72175 71351 07/16/2004 1051 2.000
 1 72326 07/13/2004 0000 1.064
 1 72001 07/14/2004 0251
 1 72227
 1 72353
 1 72368 07/08/2004 2046 1
 1 72228

Lab ID: 237960-6 Client ID: MW-5
 METHOD DESCRIPTION
 SW846 5030(5mL) 5030 5 mL Purge Prep
 EPA 200.7 Acid Digestion, Total Recoverable(ICAP)
 SM18 4500CNE Cyanide, Total
 SW846 3510C Extraction Sep. Funnel (Chlor.Pest)
 SW846 3510C Extraction Sep. Funnel (PCBs)
 SW846 3510C Extraction Sep. Funnel (SVOC)
 EPA 245.1 Mercury (CVAA)
 EPA 200.7 Metals Analysis (ICP)
 EPA 200.7 Metals Analysis (ICP)
 SW846 8081A Organochlorine Pesticide Analysis

Date Recvd: 07/02/2004 Sample Date: 07/01/2004
 RUN# BATCH# PREP BT #(S) DATE/TIME ANALYZED DILUTION
 1 72138
 1 71351 07/06/2004 0845
 1 71525 07/07/2004 0900
 1 71492
 1 71495
 1 71406
 1 71471 07/06/2004 2121
 1 72141 71351 07/15/2004 1217
 1 72175 71351 07/16/2004 1054
 1

000010

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NYSOHS 10142

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EPA NY049

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LABORATORY CHRONICLE

Job Number: 237960

Date: 07/22/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237960-6	Client ID: MW-5	Date Recvd: 07/02/2004	Sample Date: 07/01/2004	
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)
SW846 8082	PCB Analysis	1	72326	
LAC 10210001A	Phenolics, Total Recoverable	1	72001	
QA Services	Quality Assurance Services	1		
QA Services	Quality Assurance Services	1	72227	
QA Services	Quality Assurance Services	1	72353	
SW846 8270C	Semivolatile Organics	1	72368	07/08/2004 2122 1
SW846 8260B	Volatile Organics	1	72228	

Lab ID: 237960-7	Client ID: MW-10	Date Recvd: 07/02/2004	Sample Date: 07/01/2004	
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)
SW846 5030(5mL	5030 5 mL Purge Prep	1	72138	
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	71351	07/06/2004 0845
SM18 4500CNE	Cyanide, Total	1	71525	07/07/2004 0900
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	71492	
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	71495	
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	71406	
EPA 245.1	Mercury (CVAA)	1	71471	07/06/2004 2122
EPA 200.7	Metals Analysis (ICP)	1	72141	07/15/2004 1221
EPA 200.7	Metals Analysis (ICP)	1	72175	07/16/2004 1058
SW846 8081A	Organochlorine Pesticide Analysis	1		
SW846 8082	PCB Analysis	1	72326	07/13/2004 1.064
LAC 10210001A	Phenolics, Total Recoverable	1	72001	07/14/2004 0251
QA Services	Quality Assurance Services	1		
QA Services	Quality Assurance Services	1	72227	
QA Services	Quality Assurance Services	1	72353	
SW846 8270C	Semivolatile Organics	1	72368	07/08/2004 2157 1
SW846 8260B	Volatile Organics	1	72228	

Lab ID: 237960-8	Client ID: MW-6A	Date Recvd: 07/02/2004	Sample Date: 07/01/2004	
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)
SW846 5030(5mL	5030 5 mL Purge Prep	1	72138	
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	71351	07/06/2004 0845
SM18 4500CNE	Cyanide, Total	1	71525	07/07/2004 0900
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	71492	
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	71495	
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	71490	
EPA 245.1	Mercury (CVAA)	1	71471	07/06/2004 2124
EPA 200.7	Metals Analysis (ICP)	1	72141	07/15/2004 1225
EPA 200.7	Metals Analysis (ICP)	1	72175	07/16/2004 1101
SW846 8081A	Organochlorine Pesticide Analysis	1		
SW846 8082	PCB Analysis	1	72326	07/13/2004 1.124
LAC 10210001A	Phenolics, Total Recoverable	1	72001	07/14/2004 0251
QA Services	Quality Assurance Services	1		
QA Services	Quality Assurance Services	1	72227	
QA Services	Quality Assurance Services	1	72353	
SW846 8270C	Semivolatile Organics	1	72368	07/15/2004 0312 1
SW846 8270C	Semivolatile Organics	1	72368	07/15/2004 0348
SW846 8270C	Semivolatile Organics	2	72368	07/15/2004 0312 1
SW846 8270C	Semivolatile Organics	2	72368	07/15/2004 0348
SW846 8260B	Volatile Organics	1	72228	

Lab ID: 237960-9	Client ID: MW-6B	Date Recvd: 07/02/2004	Sample Date: 07/01/2004	
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)
SW846 5030(5mL	5030 5 mL Purge Prep	1	72138	
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	71351	07/06/2004 0845

000011

LABORATORY CHRONICLE

Job Number: 237960

Date: 07/22/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237960-9 Client ID: MW-6B		Date Recvd: 07/02/2004		Sample Date: 07/01/2004		DILUTION
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	DATE/TIME ANALYZED	
SM18 4500CNE	Cyanide, Total	1	71525		07/07/2004 0900	
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	71492			
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	71495			
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	71490			
EPA 245.1	Mercury (CVAA)	1	71471		07/06/2004 2126	
EPA 200.7	Metals Analysis (ICP)	1	72141	71351	07/15/2004 1247	
EPA 200.7	Metals Analysis (ICP)	1	72175	71351	07/16/2004 1110	
SW846 8081A	Organochlorine Pesticide Analysis	1				
SW846 8082	PCB Analysis	1	72326		07/13/2004	1.064
LAC 10210001A	Phenolics, Total Recoverable	1	72001		07/14/2004 0251	
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	72227			
QA Services	Quality Assurance Services	1	72353			
SW846 8270C	Semivolatile Organics	1	72368		07/08/2004 2233	1
SW846 8260B	Volatile Organics	1	72228			

Lab ID: 237960-10 Client ID: W-1S		Date Recvd: 07/02/2004		Sample Date: 07/01/2004		DILUTION
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	DATE/TIME ANALYZED	
SW846 5030(5mL	5030 5 mL Purge Prep	1	72138			
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	71351		07/06/2004 0845	
SM18 4500CNE	Cyanide, Total	1	71525		07/07/2004 0900	
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	71492			
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	71495			
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	71490			
EPA 245.1	Mercury (CVAA)	1	71471		07/06/2004 2132	
EPA 200.7	Metals Analysis (ICP)	1	72141	71351	07/15/2004 1251	
EPA 200.7	Metals Analysis (ICP)	1	72175	71351	07/16/2004 1113	
SW846 8081A	Organochlorine Pesticide Analysis	1				
SW846 8082	PCB Analysis	1	72326		07/13/2004	1.064
LAC 10210001A	Phenolics, Total Recoverable	1	72001		07/14/2004 0251	
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	72227			
QA Services	Quality Assurance Services	1	72353			
SW846 8270C	Semivolatile Organics	1	72368		07/08/2004 2344	1
SW846 8260B	Volatile Organics	1	72228			

Lab ID: 237960-11 Client ID: MW-13		Date Recvd: 07/02/2004		Sample Date: 07/01/2004		DILUTION
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	DATE/TIME ANALYZED	
SW846 5030(5mL	5030 5 mL Purge Prep	1	72138			
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	71351		07/06/2004 0845	
SM18 4500CNE	Cyanide, Total	1	71525		07/07/2004 0900	
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	71492			
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	71495			
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	71639			
EPA 245.1	Mercury (CVAA)	1	71471		07/06/2004 2134	
EPA 200.7	Metals Analysis (ICP)	1	72141	71351	07/15/2004 1256	5.000
EPA 200.7	Metals Analysis (ICP)	1	72175	71351	07/16/2004 1116	5.000
SW846 8081A	Organochlorine Pesticide Analysis	1				
SW846 8082	PCB Analysis	1	72326		07/13/2004	1.064
LAC 10210001A	Phenolics, Total Recoverable	1	72001		07/14/2004 0251	
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	72227			
QA Services	Quality Assurance Services	1	72353			
SW846 8270C	Semivolatile Organics	1	72368		07/12/2004 1936	1
SW846 8260B	Volatile Organics	1	72228			

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LABORATORY CHRONICLE

Job Number: 237960

Date: 07/22/2004

CUSTOMER: Integreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237960-12 Client ID: W-2S		Date Recvd: 07/02/2004		Sample Date: 07/01/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	DATE/TIME ANALYZED	DILUTION	
SW846 5030(5mL	5030 5 mL Purge Prep	1	72138				
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	71351		07/06/2004	0845	
SM18 4500CNE	Cyanide, Total	1	71525		07/07/2004	0900	
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	71492				
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	71495				
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	71490				
EPA 245.1	Mercury (CVAA)	1	71471		07/06/2004	2136	
EPA 200.7	Metals Analysis (ICP)	1	72141	71351	07/15/2004	1301	2.000
EPA 200.7	Metals Analysis (ICP)	1	72175	71351	07/16/2004	1120	2.000
SW846 8081A	Organochlorine Pesticide Analysis	1					
SW846 8082	PCB Analysis	1	72326		07/13/2004		1.064
LAC 10210001A	Phenolics, Total Recoverable	1	72001		07/14/2004	0251	
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	72227				
QA Services	Quality Assurance Services	1	72353				
SW846 8270C	Semivolatile Organics	1	72368		07/08/2004	2308	1
SW846 8260B	Volatile Organics	1	72228				

Lab ID: 237960-13 Client ID: MW-7		Date Recvd: 07/02/2004		Sample Date: 06/30/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	DATE/TIME ANALYZED	DILUTION	
SW846 5030(5mL	5030 5 mL Purge Prep	1	72138				
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	71351		07/06/2004	0845	
SM18 4500CNE	Cyanide, Total	1	71525		07/07/2004	0900	
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	71492				
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	71495				
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	71639				
EPA 245.1	Mercury (CVAA)	1	71471		07/06/2004	2138	
EPA 200.7	Metals Analysis (ICP)	1	72141	71351	07/15/2004	1610	2
EPA 200.7	Metals Analysis (ICP)	1	72175	71351	07/16/2004	1129	2.000
SW846 8081A	Organochlorine Pesticide Analysis	1					
SW846 8082	PCB Analysis	1	72326		07/13/2004		1.02
LAC 10210001A	Phenolics, Total Recoverable	1	72001		07/14/2004	0251	
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	72227				
QA Services	Quality Assurance Services	1	72353				
SW846 8270C	Semivolatile Organics	1	72368		07/12/2004	2012	1
SW846 8260B	Volatile Organics	1	72228				

Lab ID: 237960-14 Client ID: MW-3N		Date Recvd: 07/02/2004		Sample Date: 06/30/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	DATE/TIME ANALYZED	DILUTION	
SW846 5030(5mL	5030 5 mL Purge Prep	1	72138				
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	71352		07/06/2004	0845	
SM18 4500CNE	Cyanide, Total	1	71525		07/07/2004	0900	
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	71492				
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	71495				
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	71639				
EPA 245.1	Mercury (CVAA)	1	71471		07/06/2004	2145	
EPA 200.7	Metals Analysis (ICP)	1	72144	71352	07/15/2004	1433	
EPA 200.7	Metals Analysis (ICP)	1	72176	71352	07/16/2004	1204	
SW846 8081A	Organochlorine Pesticide Analysis	1					
SW846 8082	PCB Analysis	1	72326		07/13/2004		1.064
LAC 10210001A	Phenolics, Total Recoverable	1	72001		07/14/2004	0251	
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	72227				
QA Services	Quality Assurance Services	1	72353				

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NYSDOH 10142

NJDEP 73016

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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Fax (845) 562-0841

LABORATORY CHRONICLE

Job Number: 237960

Date: 07/22/2004

CUSTOMER: Integreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237960-14 Client ID: MW-3N
METHOD DESCRIPTION
SW846 8270C Semivolatile Organics
SW846 8260B Volatile Organics

Date Recvd: 07/02/2004 Sample Date: 06/30/2004
RUN# BATCH# PREP BT #(S) DATE/TIME ANALYZED DILUTION
1 72368 07/12/2004 2047 1
1 72228

Lab ID: 237960-15 Client ID: MW-8B
METHOD DESCRIPTION
SW846 5030(5mL) 5030 5 mL Purge Prep
EPA 200.7 Acid Digestion, Total Recoverable(ICAP)
SM18 4500CNE Cyanide, Total
SW846 3510C Extraction Sep. Funnel (Chlor.Pest)
SW846 3510C Extraction Sep. Funnel (PCBs)
SW846 3510C Extraction Sep. Funnel (SVOC)
EPA 245.1 Mercury (CVAA)
EPA 200.7 Metals Analysis (ICP)
EPA 200.7 Metals Analysis (ICP)
SW846 8081A Organochlorine Pesticide Analysis
SW846 8082 PCB Analysis
LAC 10210001A Phenolics, Total Recoverable
QA Services Quality Assurance Services
QA Services Quality Assurance Services
QA Services Quality Assurance Services
SW846 8270C Semivolatile Organics
SW846 8260B Volatile Organics

Date Recvd: 07/02/2004 Sample Date: 06/30/2004
RUN# BATCH# PREP BT #(S) DATE/TIME ANALYZED DILUTION
1 72138
1 71352 07/06/2004 0845
1 71838 07/09/2004 0900
1 71492
1 71495
1 71639
1 71471
1 72177 71352 07/16/2004 1138 2.000
1 72176 71352 07/16/2004 1207 2.000
1
1 72326 07/13/2004 1.064
1 72001 07/14/2004 0251
1
1 72227
1 72353
1 72368 07/12/2004 2123 1
1 72228

ID: 237960-16 Client ID: MW-8A
METHOD DESCRIPTION
SW846 5030(5mL) 5030 5 mL Purge Prep
EPA 200.7 Acid Digestion, Total Recoverable(ICAP)
SM18 4500CNE Cyanide, Total
SW846 3510C Extraction Sep. Funnel (Chlor.Pest)
SW846 3510C Extraction Sep. Funnel (PCBs)
SW846 3510C Extraction Sep. Funnel (SVOC)
EPA 245.1 Mercury (CVAA)
EPA 200.7 Metals Analysis (ICP)
EPA 200.7 Metals Analysis (ICP)
SW846 8081A Organochlorine Pesticide Analysis
SW846 8082 PCB Analysis
LAC 10210001A Phenolics, Total Recoverable
QA Services Quality Assurance Services
QA Services Quality Assurance Services
QA Services Quality Assurance Services
SW846 8270C Semivolatile Organics
SW846 8270C Semivolatile Organics
SW846 8260B Volatile Organics

Date Recvd: 07/02/2004 Sample Date: 06/30/2004
RUN# BATCH# PREP BT #(S) DATE/TIME ANALYZED DILUTION
1 72138
1 71352 07/06/2004 0845
1 71525 07/07/2004 0900
1 71492
1 71495
1 71639
1 71471
1 72144 71352 07/06/2004 2159
1 72176 71352 07/15/2004 1500
1 72176 71352 07/16/2004 1226
1
1 72326 07/13/2004 1.031
1 72001 07/14/2004 0251
1
1 72227
1 72353
1 72368 07/12/2004 2158 1
2 72368 07/19/2004 1711 1
1 72228

Lab ID: 237960-17 Client ID: MW-2N
METHOD DESCRIPTION
SW846 5030(5mL) 5030 5 mL Purge Prep
EPA 200.7 Acid Digestion, Total Recoverable(ICAP)
SM18 4500CNE Cyanide, Total
SW846 3510C Extraction Sep. Funnel (Chlor.Pest)
SW846 3510C Extraction Sep. Funnel (PCBs)
SW846 3510C Extraction Sep. Funnel (SVOC)
EPA 245.1 Mercury (CVAA)
EPA 200.7 Metals Analysis (ICP)
EPA 200.7 Metals Analysis (ICP)

Date Recvd: 07/02/2004 Sample Date: 06/30/2004
RUN# BATCH# PREP BT #(S) DATE/TIME ANALYZED DILUTION
1 72138
1 71352 07/06/2004 0845
1 71525 07/07/2004 0900
1 71492
1 71495
1 71639
1 71471
1 72144 71352 07/06/2004 2201
1 72176 71352 07/15/2004 1522
1 72176 71352 07/16/2004 1229

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LABORATORY CHRONICLE

Job Number: 237960

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237960-17	Client ID: MW-2N	Date Recvd: 07/02/2004	Sample Date: 06/30/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED DILUTION
SW846 8081A	Organochlorine Pesticide Analysis	1				
SW846 8082	PCB Analysis	1	72326			07/13/2004 1.075
LAC 10210001A	Phenolics, Total Recoverable	1	72001			07/14/2004 0251
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	72227			
QA Services	Quality Assurance Services	1	72353			
SW846 8270C	Semivolatile Organics	1	72368			07/12/2004 2234 1
SW846 8260B	Volatile Organics	1	72228			

Lab ID: 237960-18	Client ID: FB	Date Recvd: 07/02/2004	Sample Date: 06/30/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED DILUTION
SW846 5030(5mL)	5030 5 mL Purge Prep	1	72138			
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	71352			07/06/2004 0845
SM18 4500CNE	Cyanide, Total	1	71525			07/07/2004 0900
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	71492			
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	71495			
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	71639			
EPA 245.1	Mercury (CVAA)	1	71471			07/06/2004 2203
EPA 200.7	Metals Analysis (ICP)	1	72144	71352		07/15/2004 1526
EPA 200.7	Metals Analysis (ICP)	1	72176	71352		07/16/2004 1232
SW846 8081A	Organochlorine Pesticide Analysis	1				
SW846 8082	PCB Analysis	1	72326			07/13/2004 1.064
LAC 10210001A	Phenolics, Total Recoverable	1	72001			07/14/2004 0251
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	72227			
QA Services	Quality Assurance Services	1	72353			
SW846 8270C	Semivolatile Organics	1	72368			07/12/2004 2309 1
SW846 8260B	Volatile Organics	1	72228			

Lab ID: 237960-19	Client ID: MW-11A	Date Recvd: 07/02/2004	Sample Date: 06/30/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED DILUTION
SW846 5030(5mL)	5030 5 mL Purge Prep	1	72138			
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	71352			07/06/2004 0845
SM18 4500CNE	Cyanide, Total	1	71525			07/07/2004 0900
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	71492			
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	71495			
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	71639			
EPA 245.1	Mercury (CVAA)	1	71471			07/06/2004 2205
EPA 200.7	Metals Analysis (ICP)	1	72144	71352		07/15/2004 1530
EPA 200.7	Metals Analysis (ICP)	1	72176	71352		07/16/2004 1235
SW846 8081A	Organochlorine Pesticide Analysis	1				
SW846 8082	PCB Analysis	1	72326			07/13/2004 1.01
LAC 10210001A	Phenolics, Total Recoverable	1	72001			07/14/2004 0251
QA Services	Quality Assurance Services	1				
QA Services	Quality Assurance Services	1	72227			
QA Services	Quality Assurance Services	1	72353			
SW846 8270C	Semivolatile Organics	1	72368			07/12/2004 2345 1
SW846 8260B	Volatile Organics	1	72228			

Lab ID: 237960-20	Client ID: MW-11B	Date Recvd: 07/02/2004	Sample Date: 06/30/2004			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED DILUTION
SW846 5030(5mL)	5030 5 mL Purge Prep	1	72138			
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	71352			07/06/2004 0845
SM18 4500CNE	Cyanide, Total	1	71838			07/09/2004 0900
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	71492			

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315 Fullerton Avenue
Newburgh, NY 12550
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LABORATORY CHRONICLE

Job Number: 237960

Date: 07/22/2004

CUSTOMER: InteGreyed International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schunacher

Lab ID: 237960-20	Client ID: MW-11B	Date Recvd: 07/02/2004	Sample Date: 06/30/2004				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	71495				
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	71639				
EPA 245.1	Mercury (CVAA)	1	71471			07/06/2004	2207
EPA 200.7	Metals Analysis (ICP)	1	72144	71352		07/15/2004	1535
EPA 200.7	Metals Analysis (ICP)	1	72176	71352		07/16/2004	1239
SW846 8081A	Organochlorine Pesticide Analysis	1					2.000
SW846 8082	PCB Analysis	1	72326			07/13/2004	
LAC 10210001A	Phenolics, Total Recoverable	1	72001			07/14/2004	0251
QA Services	Quality Assurance Services	1					1.064
QA Services	Quality Assurance Services	1	72227				
QA Services	Quality Assurance Services	1	72353				
SW846 8270C	Semivolatile Organics	1	72368			07/13/2004	0020
SW846 8260B	Volatile Organics	1	72228				1

Lab ID: 237960-21	Client ID: W-3S	Date Recvd: 07/02/2004	Sample Date: 07/01/2004				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 5030(5mL	5030 5 mL Purge Prep	1	72138				
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	71352			07/06/2004	0845
SM18 4500CNE	Cyanide, Total	1	71838			07/09/2004	0900
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	71492				
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	71495				
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	71639				
PA 245.1	Mercury (CVAA)	1	71471			07/06/2004	2209
EPA 200.7	Metals Analysis (ICP)	1	72144	71352		07/15/2004	1540
EPA 200.7	Metals Analysis (ICP)	1	72176	71352		07/16/2004	1242
SW846 8081A	Organochlorine Pesticide Analysis	1					5.000
SW846 8082	PCB Analysis	1	72326			07/13/2004	
LAC 10210001A	Phenolics, Total Recoverable	1	72001			07/14/2004	0251
QA Services	Quality Assurance Services	1					1.064
QA Services	Quality Assurance Services	1	72227				
QA Services	Quality Assurance Services	1	72353				
SW846 8270C	Semivolatile Organics	1	72368			07/13/2004	0055
SW846 8260B	Volatile Organics	1	72228				1

Lab ID: 237960-22	Client ID: Trip Blank	Date Recvd: 07/02/2004	Sample Date: 07/01/2004				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 5030(5mL	5030 5 mL Purge Prep	1	72138				
QA Services	Quality Assurance Services	1	72227				
SW846 8260B	Volatile Organics	1	72228				

Lab ID: 237960-23	Client ID: MW-12	Date Recvd: 07/02/2004	Sample Date: 06/30/2004				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW846 5030(5mL	5030 5 mL Purge Prep	1	72138				
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	71352			07/06/2004	0845
SM18 4500CNE	Cyanide, Total	1	71838			07/09/2004	0900
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	71492				
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	71495				
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	71639				
EPA 245.1	Mercury (CVAA)	1	71471			07/06/2004	2211
EPA 200.7	Metals Analysis (ICP)	1	72144	71352		07/15/2004	1544
EPA 200.7	Metals Analysis (ICP)	1	72176	71352		07/16/2004	1245
SW846 8081A	Organochlorine Pesticide Analysis	1					
SW846 8082	PCB Analysis	1	72326			07/13/2004	
LAC 10210001A	Phenolics, Total Recoverable	1	72001			07/14/2004	0251
QA Services	Quality Assurance Services	1					1.064

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LABORATORY CHRONICLE

Job Number: 237960

Date: 07/22/2004

CUSTOMER: InteGreyted International, LLC

PROJECT: COOPER 0310025P

ATTN: Mark Schumacher

Lab ID: 237960-23 Client ID: MW-12
 METHOD DESCRIPTION
 QA Services Quality Assurance Services
 QA Services Quality Assurance Services
 SW846 8270C Semivolatile Organics
 SW846 8260B Volatile Organics

Date Recvd: 07/02/2004 Sample Date: 06/30/2004
 RUN# BATCH# PREP BT #(S) DATE/TIME ANALYZED DILUTION
 1 72227
 1 72353
 1 72368 07/13/2004 0131 1
 1 72228

000017

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EPA NY049

PA 68-378

M-NY049

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 Fax (845) 562-0841

THE ANALYTICAL METHODS MAY UTILIZE ONE OR MORE OF THE FOLLOWING
REFERENCES:

"Methods for Chemical Analysis of Water and Wastewater",
EPA-600/4-79-020, March 1983.

"Test Methods for Evaluating Solid Waste", USEPA-SW846, Third
Edition, September 1986 with all current revisions.

Federal Register, V.50 No.3, January 4, 1985.

Federal Register, V.49, No. 209, October 26, 1984.

"Methods for the Determination of Organic Compounds in Drinking Water
EPA/600/4-88/039, December 1988.

Volatile Organic Compounds in Water by Purge and Trap Capillary
Column Gas Chromatography With Photoionization and Electrolytic
Conductivity Detectors in Series, EMSL, Cincinnati, Ohio, 45268,
Revision 2.0(1989).

EPA Method for the Determination of Gasoline Range Organics, Draft,
REV. 5, 2/5/92.

"New York State Department of Environmental Conservation Analytical
Services Protocol, Vol. 1 , October 1995.

USEPA CLP SOW for Organics Analysis Low Concentration Water

USEPA CLP SOW for Organics Analysis Multi-Media, Multi-Concentration

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Fax (845) 562-0841

THE ANALYTICAL METHODS MAY UTILIZE ONE OR MORE OF THE FOLLOWING
REFERENCES:

"Methods for Chemical Analysis of Water and Wastewater",
EPA-600/4-79-020, March 1983.

"Test Methods for Evaluating Solid Waste", USEPA-SW846, Third
Edition, September 1986 with all current revisions.

Federal Register, V. 50 No. 3, January 4, 1985.

"Methods for the Determination of Organic Compounds in Drinking
Water, EPA/600/4-88/039, December 1988.

EPA Method for the Determination of Diesel Range Organics, Draft,
Rev. 5, 2/5/92.

"New York State Department of Environmental Conservation Analytical
Services Protocol, Vol. 1, October 1995.

"Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) Using
Methylene Chloride Gas Chromatograph/Flame Ionization
Detection", Environmental Research Institute, University of
Connecticut, March 1999.

"Analytical Handbook for the Laboratory of Organic Analytical
Chemistry", Wadsworth Center for Laboratories and Research, New
York State Department of Health, August 1991.

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REFERENCES:

"Methods for Chemical Analysis of Water and Wastewater",
EPA-600/4-79-020, March 1983.

"Test Methods for Evaluating Solid Waste", USEPA-SW846, Third
Edition, September 1986 with all current revisions.

Federal Register, V.49, No.209, October 26, 1984.

"Methods for the Determination of Organic Compounds in Drinking
Water, EPA/600/4-88/039, December 1988.

"New York State Department of Environmental Conservation Analytical
Services Protocol, Vol. 1, October 1995.

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THE ANALYTICAL METHODS MAY UTILIZE ONE OR MORE OF THE FOLLOWING
REFERENCES:

"Methods for Chemical Analysis of Water and Wastewater",
EPA-600/4-79-020, March 1983

"Standard Methods for the Examination of Water and Wastewater", 18th
Edition, 1992

Atomic Absorption - Furnace Technique

"Test Methods for Evaluating Solid Waste", USEPA-SW846, Third Edition,
September 1986 with all current revisions.

"Standard Methods for the Examination of Water and Wastewater",
17th Edition, 1989.

HACH8000 1979 Handbook

"New York State Department of Environmental Conservation Analytical
Services Protocol, Vol.2, October 1995.

"Determination of Cyanide" (Macro Distillation Method in Waters),
QUIK CHEM Method 10-204-00-1-A, Karin Wendt, Revised June 6,
1996, Lachat Instruments, Milwaukee, Wi. 53218

"Determination of Nitrate/Nitrite in Surface and Wastewaters by Flow
Injection Analysis", QUICK CHEM Method 10-107041A, Karin Wendt,
Revised June 24, 1997, Zellweger Analytics, Milwaukee, Wi. 53218

"Determination of Total Recoverable Phenols by Flow Injection
Analysis Colorimetry", QUIK CHEM Method 10-210-00-1-A, Ninglan
Liao, Revised August 6, 1996, Lachat Instruments, Milwaukee, Wi.
53218.

"Determination of Nitrogen, Total Kjeldahl by Flow Injection Analysis
Colorimetry" QUIK CHEM Method 10-107-06-2-D, Kevin Switala,
Revised October 7, 1997, Lachat Instruments, Milwaukee, Wi 53218.

Enterolert - (Idexx)

"American Society for Testing and Materials."

000021

CASE NARRATIVE
Client: Integreyted International
Date: 07/21/04
STL Lab No.: 237960
Page 1 of 5

Volatiles

Sample Dilution

The following samples were initially diluted at the indicated amount due to suspected high concentrations of method analytes:

MW-6A (237960-08): 5x

The following sample was diluted at the indicated amount due to compounds that exceed the linear calibration range:

MW-1NDL (237960-03DL): 5x

Matrix Spike/Matrix Spike Duplicate

The percent recovery for benzene in client ID VBSPK015 falls outside the acceptable limits.

Semi-Volatiles

Extraction

Several samples were extracted using less than 1000mls.

Sample MW-6A (237960-008) was concentrated to a final volume of 5mls.

Sample Dilution

Due to the matrix, sample MW-6A was initially diluted and analyzed at the indicated amount.

Surrogate Recovery

The surrogate recovery for several samples is outside the acceptable limits. As per the protocol, the samples were either: re-extracted, re-analyzed or analyzed as a dilution.

Matrix Spike/Matrix Spike Duplicate

There was insufficient sample received to prepare an actual sample matrix spike/matrix spike duplicate for laboratory number 237960. The MS/MSD was prepared using laboratory tap water.

The percent recovery for several compounds in client ID ZZZZZZ33MS/MSD falls outside the acceptable limits.

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CASE NARRATIVE

Client: Integreyted International

Date: 07/21/04

STL Lab No.: 237960

Page 2 of 5

The percent recovery for several compounds in client ID MW-7MS/MSD falls outside the acceptable limits.

Sample Blank Spike

The percent recovery for: several compounds in sample blank spike SBSPK33, SBSPK34 and SBSPK37 falls outside the acceptable limits.

Internal Standards

Several samples contain internal standard area counts outside the acceptable limits. As per the protocol, the samples were either re-analyzed or analyzed as a dilution.

Pesticides/PCB's

Sample Extraction

Several samples were extracted using less than 1000ml.

8081A

Surrogate Recovery

Several samples contain surrogate recovery that is outside of the advisory control limits on both analytical columns.

Blank Spike

The percent recovery of gamma-BHC and aldrin in PBSPK22 is outside of the acceptable control limits.

Matrix Spike/Matrix Spike Duplicate

The matrix spike/matrix spike duplicate extracted on 07/06/04 was performed on another sample analyzed at the same time as laboratory number 237960.

The percent recovery of gamma-BHC in ZZZZMS(237872-05MS) is outside of the acceptable control limits.

The percent RPD of gamma-BHC and aldrin in ZZZZMS/MSD(237872-05MS/MSD) is outside of the acceptable control limits.

The percent RPD of gamma-BHC in MW-8BMS/MSD(237960-15MS/MSD) is outside of the acceptable control limits.

Continuing Calibration

The percent RPD of endrin in the continuing calibration standard PEST @ 20 analyzed on 07/13/04 on the RTx-CLPest column is outside of the acceptable control limits.

000003

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CASE NARRATIVE

Client: Integreyted International

Date: 07/21/04

STL Lab No.: 237960

Page 3 of 5

The percent RPD of several compounds in the continuing calibration standard PEST @ 20 analyzed on 07/13/04 on the RTx-CLPest2 column is outside of the acceptable control limits.

8082

Surrogate Recovery

Several samples contain surrogate recovery that is outside of the advisory control limits on both analytical columns.

Matrix Spike/Matrix Spike Duplicate

The matrix spike/matrix spike duplicate extracted on 07/06/04 was performed using tap water.

The percent recovery of aroclor 1242 in MW-8BMSD(237960-15MS) is outside of the acceptable control limits. However, please note the associated blank spike contains acceptable recoveries.

Continuing Calibration

The percent RPD of some aroclor peaks in the continuing calibration standard AR166009 analyzed on 07/9/04 on both analytical columns is outside of the acceptable control limits.

The percent RPD of multiple aroclor peaks and surrogate standards in the continuing calibration standards AR166007, AR166009 and AR166010 analyzed on 07/12/04-07/13/04 on both analytical columns is outside of the acceptable control limits.

Retention Time Shift

A retention time shift was noted for decachlorobiphenyl on 07/13/04 on DB-5 column.

Inorganics

ICP

Continuing Calibration Blank

The concentration of aluminum and iron in the CCB1, CCB3 and CCB5 analyzed on 7/15/04 is greater than the CRDL. However, these parameters are not being reported from this analytical run.

The concentration of aluminum and iron in the CCB1 and CCB2 analyzed on 7/16/04 is greater than the CRDL. However, these parameters are not being reported from this analytical run.

000004

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CASE NARRATIVE

Client: Integreyted International

Date: 07/21/04

STL Lab No.: 237960

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Matrix Spike

The percent recovery of iron and silver in spike sample number MW-7MS (237960-13MS) is outside of the established control limits. The data is qualified accordingly.

The percent spike recovery of lead, iron selenium and silver in spike sample number MW-8BMS (237960-15MS) is outside of the established control limits. The data is qualified accordingly. A post digestion spike was analyzed for lead and selenium.

Sample Dilution

The following samples were diluted at the indicated amount and reanalyzed due to the interference of calcium on the undiluted samples at a concentration above the linear range of the instrument:

MW-4B (237960-02): 2x
MW-9A (237960-04): 2x
MW-9B (237960-05): 2x
MW-13 (237960-11): 5x
W-2S (237960-12): 2x
MW-7 (237960-13): 2x
MW-7MD (237960-13MD): 2x
MW-7MS (237960-13MS): 2x
MW-7L (237960-13L): 2x
MW-8B (237960-15): 2x
MW-8BMD (237960-15MD): 2x
MW-8BMS (237960-15MS): 2x
MW-8BL (237960-15L): 2x
MW-11B (237960-20): 2x
W-3S (237960-21): 5x

Selenium

Due to high concentrations of calcium in the samples which interferes with the graphite furnace analyses, the samples in laboratory number 237960 were analyzed for selenium by ICP. The client was notified and approved the selenium analyses by ICP.

000005

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CASE NARRATIVE
Client: Integreyted International
Date: 07/21/04
STL Lab No.: 237960
Page 5 of 5

Wet Chemistry

Cyanide

Matrix Spike/Duplicate

The matrix spike/duplicate associated with sample numbers 237960-01 through 237960-03 was performed on sample number ZZZZZ (237856-04).

Phenols

Sample Dilution

The following sample was diluted for phenol at the indicated amount and reanalyzed due to the presence of phenol in the undiluted sample at concentration above the range of the instrument:

MW-N (237960-03): 20x

Other

Page number 7 has been intentionally omitted and is not an integral part of this data package.

000006

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4A

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-001
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8046.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: not dec. _____ Date Analyzed: 7/12/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone	22		10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene	3	J	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-4A

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-001
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8046.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/12/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	8.79	5	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4B

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-002
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8047.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: not dec. _____ Date Analyzed: 7/12/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-4B

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-002
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8047.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/12/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1N

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-003

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8059.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: not dec. _____ Date Analyzed: 7/13/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane	200	E	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene	5	J	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene	29		10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene	3	J	10
95-50-1	1,2-Dichlorobenzene	2	J	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-1N

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-003
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8059.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/13/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	8.78	6	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1NDL

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-003DL

Sample wt/vol: 1.0 (g/ml) ML Lab File ID: X8086.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: not dec. _____ Date Analyzed: 7/14/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO. COMPOUND RESULT Q RL

74-87-3	Chloromethane		U	50
74-83-9	Bromomethane		U	50
75-01-4	Vinyl Chloride		U	50
75-00-3	Chloroethane	190	D	50
75-09-2	Methylene Chloride		U	50
67-64-1	Acetone	23	JD	50
75-15-0	Carbon Disulfide		U	50
75-35-4	1,1-Dichloroethene		U	50
75-34-4	1,1-Dichloroethane		U	50
67-66-3	Chloroform		U	50
107-06-2	1,2-Dichloroethane		U	50
78-93-3	2-Butanone		U	50
108-05-4	Vinyl Acetate		U	50
71-55-6	1,1,1-Trichloroethane		U	50
56-23-5	Carbon Tetrachloride		U	50
75-27-4	Bromodichloromethane		U	50
78-87-5	1,2-Dichloropropane		U	50
10061-01-5	cis-1,3-Dichloropropene		U	50
79-01-6	Trichloroethene		U	50
71-43-2	Benzene	6	JD	50
124-48-1	Dibromochloromethane		U	50
110-75-8	2-Chloroethylvinylether		U R	50
10061-02-6	trans-1,3-Dichloropropene		U	50
79-00-5	1,1,2-Trichloroethane		U	50
75-25-2	Bromoform		U	50
108-10-1	4-Methyl-2-Pentanone		U	50
591-78-6	2-Hexanone		U	50
127-18-4	Tetrachloroethene		U	50
79-34-5	1,1,2,2-Tetrachloroethane		U	50
108-88-3	Toluene		U	50
108-90-7	Chlorobenzene	32	JD	50
100-41-4	Ethylbenzene		U	50
100-42-5	Styrene		U	50
541-73-1	1,3-Dichlorobenzene		U	50
106-46-7	1,4-Dichlorobenzene		U	50
95-50-1	1,2-Dichlorobenzene		U	50
1330-20-7	Xylenes, total		U	50
540-59-0	Total-1,2-Dichloroethene		U	50

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NYSDOH 10142

NJDEP 73016

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

FORM I VOA

3/90

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-9A

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-004

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8060.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: not dec. _____ Date Analyzed: 7/13/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone	8	J	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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FORM 1 VOA

CTDOHS PR-0554

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-9A

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-004
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8060.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/13/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/LNumber TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 71-23-8	1-Propanol	10.08	42	JN

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-9B

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-005
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8061.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: not dec. _____ Date Analyzed: 7/13/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/L

CAS NO. COMPOUND RESULT Q RL

74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide	1	J	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
540-59-0	Total-1,2-Dichloroethene		U	10
1330-20-7	Xylenes, total		U	10

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FORM 1/VOA
CTDOHS PH-0554

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-9B

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-005
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8061.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/13/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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FORM 1 VOA-TIC
C1D0HS PH-0554

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-006

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8062.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: not dec. _____ Date Analyzed: 7/13/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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NYSDOH 10142

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FORM 11-VOA
CTDOHS PR-0554

EPA NY049

PA 68-378

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M-NY049

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-5

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-006
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8062.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/13/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/LNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

3/90

NYSDOH 10142

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-10

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-007

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8078.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: not dec. _____ Date Analyzed: 7/14/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U ^R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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NYSDOH 10142

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FORM 110A

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-10

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-007
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8078.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/14/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/LNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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FORM 1 VOA-TIC

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NYSDOH 10142

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6A

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-008

Sample wt/vol: 1.0 (g/ml) ML Lab File ID: X8103.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: not dec. _____ Date Analyzed: 7/15/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	50
74-83-9	Bromomethane		U	50
75-01-4	Vinyl Chloride		U	50
75-00-3	Chloroethane		U	50
75-09-2	Methylene Chloride		U	50
67-64-1	Acetone	37	J	50
75-15-0	Carbon Disulfide		U	50
75-35-4	1,1-Dichloroethene		U	50
75-34-4	1,1-Dichloroethane		U	50
67-66-3	Chloroform		U	50
107-06-2	1,2-Dichloroethane		U	50
78-93-3	2-Butanone		U	50
108-05-4	Vinyl Acetate		U	50
71-55-6	1,1,1-Trichloroethane		U	50
56-23-5	Carbon Tetrachloride		U	50
75-27-4	Bromodichloromethane		U	50
78-87-5	1,2-Dichloropropane		U	50
10061-01-5	cis-1,3-Dichloropropene		U	50
79-01-6	Trichloroethene		U	50
71-43-2	Benzene	10	J	50
124-48-1	Dibromochloromethane		U	50
110-75-8	2-Chloroethylvinylether		U R	50
10061-02-6	trans-1,3-Dichloropropene		U	50
79-00-5	1,1,2-Trichloroethane		U	50
75-25-2	Bromoform		U	50
108-10-1	4-Methyl-2-Pentanone		U	50
591-78-6	2-Hexanone		U	50
127-18-4	Tetrachloroethene		U	50
79-34-5	1,1,2,2-Tetrachloroethane		U	50
108-88-3	Toluene		U	50
108-90-7	Chlorobenzene		U	50
100-41-4	Ethylbenzene	9	J	50
100-42-5	Styrene		U	50
541-73-1	1,3-Dichlorobenzene		U	50
106-46-7	1,4-Dichlorobenzene		U	50
95-50-1	1,2-Dichlorobenzene		U	50
1330-20-7	Xylenes, total		U	50
540-59-0	Total-1,2-Dichloroethene		U	50

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-6A

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-008
Sample wt/vol: 1.0 (g/ml) ML Lab File ID: X8103.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/15/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/LNumber TICs found: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	20.36	28	J
2.	Unknown C _n H _{2n+2}	22.75	61	J
3.	Unknown	23.81	28	J

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FORM I VOA-TIC

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6B

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-009
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8079.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: not dec. _____ Date Analyzed: 7/14/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
540-59-0	Total-1,2-Dichloroethene		U	10
1330-20-7	Xylenes, total		U	10

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CTDOHS PR-0554

EPA NY049

PA 68-378

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-6B

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-009
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8079.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/14/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/LNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

NYSDOH 10142

NJDEP 73016

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Fax (845) 562-0841

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

W-1S

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-010
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8080.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: not dec. _____ Date Analyzed: 7/14/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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FORM 1 VOA

CTDOHS PH-0554

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

W-1S

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-010
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8080.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/14/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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Fax (845) 562-0841

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-13

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-011

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8084.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: not dec. _____ Date Analyzed: 7/14/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone	4	J	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U ^R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-13

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-011
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8084.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/14/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

W-2S

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-012
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8085.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: not dec. _____ Date Analyzed: 7/14/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone	4	J	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
540-59-0	Total-1,2-Dichloroethene		U	10
1330-20-7	Xylenes, total		U	10

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

W-2S

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-012
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8085.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/14/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

NYSDOH 10142

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-013
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8048.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: not dec. _____ Date Analyzed: 7/12/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/L

CAS NO. COMPOUND RESULT Q RL

74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 1/VOA
CTDORS PR-0554

EPA NY049

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-7

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-013
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8048.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/12/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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NYSDOH 10142

NJDEP 73015

FORM 1 VOA TIC
CTDOHS PH-0554

EPA NY049

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M-HY049

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VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-3N

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-014

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8049.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: not dec. _____ Date Analyzed: 7/12/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone	10	J	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene	1	J	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-3N

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-014
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8049.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/12/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/LNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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**SEVERN
TRENT****STL**

NYSDOH 10142

NJDEP 73016

FORM 1 VOA TIC

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

3/00

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
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Fax (845) 562-0841

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8B

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-015
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8050.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: not dec. _____ Date Analyzed: 7/12/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/L

CAS NO. COMPOUND RESULT Q RL

74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 1 VOA
CTDORS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-8B

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-015
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8050.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/12/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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SEVERN
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NYSDOH 10142

NJDEP 73015

FORM 1 VOA TIC
CTDOHS PH-0534

EPA NY049

PA 68-378

M-NY049

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8A

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-016

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8051.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: not dec. _____ Date Analyzed: 7/12/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone	7	J	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 11/04

CTDOHS PR-0554

EPA NY049

PA 68-378

3/00

M-NY049

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-8A

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-016
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8051.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/12/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	C4H8O isomer	11.48	48	J

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM IVOA TIC
CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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Newburgh, NY 12550
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2N

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-017

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8054.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: not dec. _____ Date Analyzed: 7/13/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO. COMPOUND RESULT Q RL

74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene	6	J	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene	40		10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene	8	J	10
95-50-1	1,2-Dichlorobenzene	1	J	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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SEVERN
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NYSDOH 10142

NJDEP 73015

FORM 110A
C100HS PR-0554

EPA NY049

PA 68-378

3/00

M-NY049

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Newburgh, NY 12550
Tel (845) 562-0890
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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-2N

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-017
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8054.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/13/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/LNumber TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	trimethylbenzene isomer	21.36	26	J
2.	ethyl methyl benzene isomer	22.11	16	J

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NYSDOH 10142

NJDEP 73015

FORM 1 VOLATICS

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-018
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8055.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: not dec. _____ Date Analyzed: 7/13/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform	8	J	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U ^R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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TRENT **STL**

NYSDOH 10142

NJDEP 73015

FORM 1/VOA
CTDORS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FB

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-018
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8055.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/13/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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SEVERN
TRENT **STL**

NYSDOH 10142

NJDEP 73016

FORM LVOA-TIC

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-11A

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-019
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8056.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: not dec. _____ Date Analyzed: 7/13/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride	110		10
67-64-1	Acetone	13		10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene	6	J	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene	14		10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene	14		10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 11A
CTDOHS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-11A

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-019
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8056.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: not dec. _____ Date Analyzed: 7/13/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	8.77	16	J

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NYSDOH 10142

NJDEP 73015

FORM 1 VOLATICS
CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-11B

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-020
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8057.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: not dec. _____ Date Analyzed: 7/13/2004
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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NYS DOH 10142

NJ DEP 73016

FORM 1/VOA

EPA NY049

PA 68-378

3/00
M-NY049

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-11B

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-020
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8057.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/13/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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NYSDOH 10142

NJDEP 73015

FORM I VOA TIC

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

3/90

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

W-3S

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-021

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8099.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: not dec. _____ Date Analyzed: 7/15/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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FORM I VOA

3/90

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 66-378

M-NY049

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

W-3S

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-021
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8099.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/15/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

3/90

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-022

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8100.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: not dec. _____ Date Analyzed: 7/15/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide		U	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene		U	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene		U	10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 1/VOA

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIP BLANK

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-022
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8100.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/15/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/LNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-12

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-023

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8058.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: not dec. _____ Date Analyzed: 7/13/2004

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
74-87-3	Chloromethane		U	10
74-83-9	Bromomethane		U	10
75-01-4	Vinyl Chloride		U	10
75-00-3	Chloroethane		U	10
75-09-2	Methylene Chloride		U	10
67-64-1	Acetone		U	10
75-15-0	Carbon Disulfide	1	J	10
75-35-4	1,1-Dichloroethene		U	10
75-34-4	1,1-Dichloroethane		U	10
67-66-3	Chloroform		U	10
107-06-2	1,2-Dichloroethane		U	10
78-93-3	2-Butanone		U	10
108-05-4	Vinyl Acetate		U	10
71-55-6	1,1,1-Trichloroethane		U	10
56-23-5	Carbon Tetrachloride		U	10
75-27-4	Bromodichloromethane		U	10
78-87-5	1,2-Dichloropropane		U	10
10061-01-5	cis-1,3-Dichloropropene		U	10
79-01-6	Trichloroethene		U	10
71-43-2	Benzene	6	J	10
124-48-1	Dibromochloromethane		U	10
110-75-8	2-Chloroethylvinylether		U R	10
10061-02-6	trans-1,3-Dichloropropene		U	10
79-00-5	1,1,2-Trichloroethane		U	10
75-25-2	Bromoform		U	10
108-10-1	4-Methyl-2-Pentanone		U	10
591-78-6	2-Hexanone		U	10
127-18-4	Tetrachloroethene		U	10
79-34-5	1,1,2,2-Tetrachloroethane		U	10
108-88-3	Toluene		U	10
108-90-7	Chlorobenzene	42		10
100-41-4	Ethylbenzene		U	10
100-42-5	Styrene		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene	8	J	10
95-50-1	1,2-Dichlorobenzene	2	J	10
1330-20-7	Xylenes, total		U	10
540-59-0	Total-1,2-Dichloroethene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 11 VOA
CTDOHS PH-0554

EPA NY049

PA 68-378

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-12

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-023
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: X8058.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: not dec. _____ Date Analyzed: 7/13/2004
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	trimethylbenzene isomer	21.37	25	J
2.	ethyl methyl benzene isomer	22.12	17	J

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4A

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-001
 Sample wt/vol: 990.0 (g/ml) ML Lab File ID: S30349.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/6/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	10
108-95-2	Phenol		U	10
95-57-8	2-Chlorophenol		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
100-51-6	Benzyl alcohol		U	10
108-60-1	2,2'-oxybis(1-Chloropropane)		U	10
95-48-7	2-Methylphenol		U	10
67-72-1	Hexachloroethane		U	10
621-64-7	N-Nitroso-di-n-propylamine		U	10
106-44-5	4-Methylphenol		U	10
98-95-3	Nitrobenzene		U	10
78-59-1	Isophorone		U	10
88-75-5	2-Nitrophenol		U	10
105-67-9	2,4-Dimethylphenol		U	10
111-91-1	bis(2-Chloroethoxy)methane		U	10
120-83-2	2,4-Dichlorophenol		U	10
120-82-1	1,2,4-Trichlorobenzene		U	10
91-20-3	Naphthalene		U	10
106-47-8	4-Chloroaniline		U	10
87-68-3	Hexachlorobutadiene		U	10
59-50-7	4-Chloro-3-methylphenol		U	10
91-57-6	2-Methylnaphthalene		U	10
77-47-4	Hexachlorocyclopentadiene		U	10
88-06-2	2,4,6-Trichlorophenol		U	10
95-95-4	2,4,5-Trichlorophenol		U	51
91-58-7	2-Chloronaphthalene		U	10
88-74-4	2-Nitroaniline		U	25
208-96-8	Acenaphthylene		U	10
131-11-3	Dimethylphthalate		U	10
606-20-2	2,6-Dinitrotoluene		U	10
83-32-9	Acenaphthene		U	10
99-09-2	3-Nitroaniline		U	25
51-28-5	2,4-Dinitrophenol		U	25
132-64-9	Dibenzofuran		U	10
121-14-2	2,4-Dinitrotoluene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

EPHONS PH-0554

EPA NY049

PA 68-378

3/90

M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4A

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-001
 Sample wt/vol: 990.0 (g/ml) ML Lab File ID: S30349.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/6/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U <u>3</u>	25
86-73-7	Fluorene		U	10
7005-72-3	4-Chlorophenyl-phenylether		U	10
84-66-2	Diethylphthalate		U	10
100-01-6	4-Nitroaniline		U	25
534-52-1	4,6-Dinitro-2-methylphenol		U	25
86-30-6	n-Nitrosodiphenylamine (1)		U	10
101-55-3	4-Bromophenyl-phenylether		U	10
118-74-1	Hexachlorobenzene		U	10
87-86-5	Pentachlorophenol		U	25
85-01-8	Phenanthrene		U	10
120-12-7	Anthracene		U	10
84-74-2	Di-n-butylphthalate		U	10
206-44-0	Fluoranthene		U	10
129-00-0	Pyrene		U	10
85-68-7	Butylbenzylphthalate		U	10
91-94-1	3,3'-Dichlorobenzidine		U	10
56-55-3	Benzo(a)anthracene		U	10
218-01-9	Chrysene		U	10
117-81-7	bis(2-Ethylhexyl)phthalate	1	JB <u>U</u>	10
117-84-0	Di-n-octylphthalate		U	10
205-99-2	Benzo(b)fluoranthene		U	10
207-08-9	Benzo(k)fluoranthene		U	10
50-32-8	Benzo(a)pyrene		U	10
193-39-5	Indeno(1,2,3-cd)pyrene		U	10
62-75-9	n-Nitrosodimethylamine		U	10
53-70-3	Dibenz(a,h)anthracene		U	10
191-24-2	Benzo(g,h,i)perylene		U	10

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

STDOHS PH-0554

EPA NY049

PA 68-378

3/90
MNY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-4A

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-001
 Sample wt/vol: 990.0 (g/ml) ML Lab File ID: S30349.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/6/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	9.03	8	J
2.	Unknown	9.43	3	J
3. 000065-85-0	Benzoic Acid	9.89	19	JN
4.	Unknown Cyclohexane	10.41	13	J
5.	Unknown	10.63	6	J
6.	Unknown	10.98	16	J
7.	C8H14 isomer	11.31	4	J
8.	Unknown	11.57	11	J
9.	C8H14 isomer	11.73	3	J
10. 000616-75-1	Benzylmalonic acid	11.94	3	JN
11.	Unknown	12.18	5	J
12.	Unknown	12.35	3	J
13.	C12H18O isomer	12.43	4	J
14.	Unknown	12.60	17	J
15.	Unknown	12.92	8	J
16.	Benzene isomer	13.14	23	J
17.	Unknown	14.04	7	J
18.	Unknown	14.33	6	J
19.	Unknown CnH2nO	17.75	5	J
20.	Unknown	19.16	5	J

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4B

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-002

Sample wt/vol: 970.0 (g/ml) ML Lab File ID: S30350.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: _____ decanted:(Y/N) N Date Extracted: 7/6/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	10
108-95-2	Phenol		U	10
95-57-8	2-Chlorophenol		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
100-51-6	Benzyl alcohol		U	10
108-60-1	2,2'-oxybis(1-Chloropropane)		U	10
95-48-7	2-Methylphenol		U	10
67-72-1	Hexachloroethane		U	10
621-64-7	N-Nitroso-di-n-propylamine		U	10
106-44-5	4-Methylphenol		U	10
98-95-3	Nitrobenzene		U	10
78-59-1	Isophorone		U	10
88-75-5	2-Nitrophenol		U	10
105-67-9	2,4-Dimethylphenol		U	10
111-91-1	bis(2-Chloroethoxy)methane		U	10
120-83-2	2,4-Dichlorophenol		U	10
120-82-1	1,2,4-Trichlorobenzene		U	10
91-20-3	Naphthalene		U	10
106-47-8	4-Chloroaniline		U	10
87-68-3	Hexachlorobutadiene		U	10
59-50-7	4-Chloro-3-methylphenol		U	10
91-57-6	2-Methylnaphthalene		U	10
77-47-4	Hexachlorocyclopentadiene		U	10
88-06-2	2,4,6-Trichlorophenol		U	10
95-95-4	2,4,5-Trichlorophenol		U	52
91-58-7	2-Chloronaphthalene		U	10
88-74-4	2-Nitroaniline		U	26
208-96-8	Acenaphthylene		U	10
131-11-3	Dimethylphthalate		U	10
606-20-2	2,6-Dinitrotoluene		U	10
83-32-9	Acenaphthene		U	10
99-09-2	3-Nitroaniline		U	26
51-28-5	2,4-Dinitrophenol		U	26
132-64-9	Dibenzofuran		U	10
121-14-2	2,4-Dinitrotoluene		U	10

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**SEVERN
TRENT** **STL**

NYSOHS 10142

NJDEP 73015

FORM 1 SV 1

SDOHS PH-0554

EPA NY049

PA 68-378

3/90
MNY049

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4B

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-002

Sample wt/vol: 970.0 (g/ml) ML Lab File ID: S30350.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/6/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U J	26
86-73-7	Fluorene		U	10
7005-72-3	4-Chlorophenyl-phenylether		U	10
84-66-2	Diethylphthalate		U	10
100-01-6	4-Nitroaniline		U	26
534-52-1	4,6-Dinitro-2-methylphenol		U	26
86-30-6	n-Nitrosodiphenylamine (1)		U	10
101-55-3	4-Bromophenyl-phenylether		U	10
118-74-1	Hexachlorobenzene		U	10
87-86-5	Pentachlorophenol		U	26
85-01-8	Phenanthrene		U	10
120-12-7	Anthracene		U	10
84-74-2	Di-n-butylphthalate		U	10
206-44-0	Fluoranthene		U	10
129-00-0	Pyrene		U	10
85-68-7	Butylbenzylphthalate		U	10
91-94-1	3,3'-Dichlorobenzidine		U	10
56-55-3	Benzo(a)anthracene		U	10
218-01-9	Chrysene		U	10
117-81-7	bis(2-Ethylhexyl)phthalate	1	JBU	10
117-84-0	Di-n-octylphthalate		U	10
205-99-2	Benzo(b)fluoranthene		U	10
207-08-9	Benzo(k)fluoranthene		U	10
50-32-8	Benzo(a)pyrene		U	10
193-39-5	Indeno(1,2,3-cd)pyrene		U	10
62-75-9	n-Nitrosodimethylamine		U	10
53-70-3	Dibenz(a,h)anthracene		U	10
191-24-2	Benzo(g,h,i)perylene		U	10

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NYSDOH 10142

NJDEP 73016

FORM 1 SV-2

GTBORS PH-0554

EPA NY049

PA 68-378

3/99
M-NY049

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Fax (845) 562-0841

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-4B

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-002

Sample wt/vol: 970.0 (g/ml) ML Lab File ID: S30350.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/6/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1N

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-003
 Sample wt/vol: 920.0 (g/ml) ML Lab File ID: S30351.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/6/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	11
108-95-2	Phenol		U	11
95-57-8	2-Chlorophenol		U	11
541-73-1	1,3-Dichlorobenzene		U	11
106-46-7	1,4-Dichlorobenzene	1	J	11
95-50-1	1,2-Dichlorobenzene		U	11
100-51-6	Benzyl alcohol		U	11
108-60-1	2,2'-oxybis(1-Chloropropane)		U	11
95-48-7	2-Methylphenol		U	11
67-72-1	Hexachloroethane		U	11
621-64-7	N-Nitroso-di-n-propylamine		U	11
106-44-5	4-Methylphenol		U	11
98-95-3	Nitrobenzene		U	11
78-59-1	Isophorone		U	11
88-75-5	2-Nitrophenol		U	11
105-67-9	2,4-Dimethylphenol		U	11
111-91-1	bis(2-Chloroethoxy)methane		U	11
120-83-2	2,4-Dichlorophenol		U	11
120-82-1	1,2,4-Trichlorobenzene		U	11
91-20-3	Naphthalene		U	11
106-47-8	4-Chloroaniline		U	11
87-68-3	Hexachlorobutadiene		U	11
59-50-7	4-Chloro-3-methylphenol		U	11
91-57-6	2-Methylnaphthalene	2	J	11
77-47-4	Hexachlorocyclopentadiene		U	11
88-06-2	2,4,6-Trichlorophenol		U	11
95-95-4	2,4,5-Trichlorophenol		U	54
91-58-7	2-Chloronaphthalene		U	11
88-74-4	2-Nitroaniline		U	27
208-96-8	Acenaphthylene		U	11
131-11-3	Dimethylphthalate		U	11
606-20-2	2,6-Dinitrotoluene		U	11
83-32-9	Acenaphthene	1	J	11
99-09-2	3-Nitroaniline		U	27
51-28-5	2,4-Dinitrophenol		U	27
132-64-9	Dibenzofuran		U	11
121-14-2	2,4-Dinitrotoluene		U	11

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73016

FORM 1 SL-1

6100HS PH-0554

EPA NY049

PA 68-378

3/90

NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1N

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-003
 Sample wt/vol: 920.0 (g/ml) ML Lab File ID: S30351.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/6/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U J	27
86-73-7	Fluorene		U	11
7005-72-3	4-Chlorophenyl-phenylether		U	11
84-66-2	Diethylphthalate	2	J	11
100-01-6	4-Nitroaniline		U	27
534-52-1	4,6-Dinitro-2-methylphenol		U	27
86-30-6	n-Nitrosodiphenylamine (1)		U	11
101-55-3	4-Bromophenyl-phenylether		U	11
118-74-1	Hexachlorobenzene		U	11
87-86-5	Pentachlorophenol		U	27
85-01-8	Phenanthrene		U	11
120-12-7	Anthracene		U	11
84-74-2	Di-n-butylphthalate		U	11
206-44-0	Fluoranthene		U	11
129-00-0	Pyrene		U	11
85-68-7	Butylbenzylphthalate		U	11
91-94-1	3,3'-Dichlorobenzidine		U	11
56-55-3	Benzo(a)anthracene		U	11
218-01-9	Chrysene		U	11
117-81-7	bis(2-Ethylhexyl)phthalate	3	J B U	11
117-84-0	Di-n-octylphthalate		U	11
205-99-2	Benzo(b)fluoranthene		U	11
207-08-9	Benzo(k)fluoranthene		U	11
50-32-8	Benzo(a)pyrene		U	11
193-39-5	Indeno(1,2,3-cd)pyrene		U	11
62-75-9	n-Nitrosodimethylamine		U	11
53-70-3	Dibenz(a,h)anthracene		U	11
191-24-2	Benzo(g,h,i)perylene		U	11

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SEVERN
TRENT **STL**

NYSDOH 10142

NJDEP 73016

FORM 1 SV-2
OTBORS PH-0554

EPA NY049

PA 68-378

3/90
M. NY049

STL Newburgh
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Tel (845) 562-0890
Fax (845) 562-0841

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-1N

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-003
 Sample wt/vol: 920.0 (g/ml) ML Lab File ID: S30351.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/6/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 18 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Benzene isomer	8.56	3	J
2. 000078-40-0	Triethyl phosphate	9.04	24	JN
3. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	9.48	4	JN
4.	Unknown C _n H _{2n} O	9.59	5	J
5.	Unknown	9.92	13	J
6.	Unknown	10.30	5	J
7.	C ₄ H ₈ S ₂ isomer	10.41	9	J
8. 000585-34-2	Phenol, m-tert-butyl-	11.24	40	JN
9.	Unknown	13.89	11	J
10.	Unknown	14.23	17	J
11.	Benzene isomer	14.35	6	J
12.	C ₁₀ H ₁₀ isomer	14.82	5	J
13.	Unknown	14.95	8	J
14.	Unknown	15.23	10	J
15.	Unknown	15.51	16	J
16.	Unknown	15.66	7	J
17.	Unknown	15.75	11	J
18.	Unknown C _n H _{2n} +2	21.01	6	J

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 157-TIC
CITDOH 9 PH 4554

EPA NY049

PA 69-378

3/00
M-NY049

STL Newburgh
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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-9A

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-004
 Sample wt/vol: 970.0 (g/ml) ML Lab File ID: S30352.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/6/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	10
108-95-2	Phenol		U	10
95-57-8	2-Chlorophenol		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
100-51-6	Benzyl alcohol		U	10
108-60-1	2,2'-oxybis(1-Chloropropane)		U	10
95-48-7	2-Methylphenol		U	10
67-72-1	Hexachloroethane		U	10
621-64-7	N-Nitroso-di-n-propylamine		U	10
106-44-5	4-Methylphenol		U	10
98-95-3	Nitrobenzene		U	10
78-59-1	Isophorone		U	10
88-75-5	2-Nitrophenol		U	10
105-67-9	2,4-Dimethylphenol		U	10
111-91-1	bis(2-Chloroethoxy)methane		U	10
120-83-2	2,4-Dichlorophenol		U	10
120-82-1	1,2,4-Trichlorobenzene		U	10
91-20-3	Naphthalene		U	10
106-47-8	4-Chloroaniline		U	10
87-68-3	Hexachlorobutadiene		U	10
59-50-7	4-Chloro-3-methylphenol		U	10
91-57-6	2-Methylnaphthalene		U	10
77-47-4	Hexachlorocyclopentadiene		U	10
88-06-2	2,4,6-Trichlorophenol		U	10
95-95-4	2,4,5-Trichlorophenol		U	52
91-58-7	2-Chloronaphthalene		U	10
88-74-4	2-Nitroaniline		U	26
208-96-8	Acenaphthylene		U	10
131-11-3	Dimethylphthalate		U	10
606-20-2	2,6-Dinitrotoluene		U	10
83-32-9	Acenaphthene		U	10
99-09-2	3-Nitroaniline		U	26
51-28-5	2,4-Dinitrophenol		U	26
132-64-9	Dibenzofuran		U	10
121-14-2	2,4-Dinitrotoluene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 1 SV 1

SDOH'S PH-0554

EPA NY049

PA 68-378

3/96

M-NY049

STL Newburgh
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 Newburgh, NY 12550
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 Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-9A

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-004
 Sample wt/vol: 970.0 (g/ml) ML Lab File ID: S30352.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/6/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U J	26
86-73-7	Fluorene		U	10
7005-72-3	4-Chlorophenyl-phenylether		U	10
84-66-2	Diethylphthalate		U	10
100-01-6	4-Nitroaniline		U	26
534-52-1	4,6-Dinitro-2-methylphenol		U	26
86-30-6	n-Nitrosodiphenylamine (1)		U	10
101-55-3	4-Bromophenyl-phenylether		U	10
118-74-1	Hexachlorobenzene		U	10
87-86-5	Pentachlorophenol		U	26
85-01-8	Phenanthrene		U	10
120-12-7	Anthracene		U	10
84-74-2	Di-n-butylphthalate		U	10
206-44-0	Fluoranthene		U	10
129-00-0	Pyrene		U	10
85-68-7	Butylbenzylphthalate		U	10
91-94-1	3,3'-Dichlorobenzidine		U	10
56-55-3	Benzo(a)anthracene		U	10
218-01-9	Chrysene		U	10
117-81-7	bis(2-Ethylhexyl)phthalate	1	U J	10
117-84-0	Di-n-octylphthalate		U	10
205-99-2	Benzo(b)fluoranthene		U	10
207-08-9	Benzo(k)fluoranthene		U	10
50-32-8	Benzo(a)pyrene		U	10
193-39-5	Indeno(1,2,3-cd)pyrene		U	10
62-75-9	n-Nitrosodimethylamine		U	10
53-70-3	Dibenz(a,h)anthracene		U	10
191-24-2	Benzo(g,h,i)perylene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 1 SV 2

610045 PH-0554

EPA NY049

PA 68-378

3/90
M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-9A

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-004
Sample wt/vol: 970.0 (g/ml) ML Lab File ID: S30352.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/6/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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STL Newburgh is a part of Severn Trent Laboratories, Inc.

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-9B

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-005
 Sample wt/vol: 970.0 (g/ml) ML Lab File ID: S30353.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/6/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	10
108-95-2	Phenol		U	10
95-57-8	2-Chlorophenol		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
100-51-6	Benzyl alcohol		U	10
108-60-1	2,2'-oxybis(1-Chloropropane)		U	10
95-48-7	2-Methylphenol		U	10
67-72-1	Hexachloroethane		U	10
621-64-7	N-Nitroso-di-n-propylamine		U	10
106-44-5	4-Methylphenol		U	10
98-95-3	Nitrobenzene		U	10
78-59-1	Isophorone		U	10
88-75-5	2-Nitrophenol		U	10
105-67-9	2,4-Dimethylphenol		U	10
111-91-1	bis(2-Chloroethoxy)methane		U	10
120-83-2	2,4-Dichlorophenol		U	10
120-82-1	1,2,4-Trichlorobenzene		U	10
91-20-3	Naphthalene	3	J	10
106-47-8	4-Chloroaniline		U	10
87-68-3	Hexachlorobutadiene		U	10
59-50-7	4-Chloro-3-methylphenol		U	10
91-57-6	2-Methylnaphthalene	1	J	10
77-47-4	Hexachlorocyclopentadiene		U	10
88-06-2	2,4,6-Trichlorophenol		U	10
95-95-4	2,4,5-Trichlorophenol		U	52
91-58-7	2-Chloronaphthalene		U	10
88-74-4	2-Nitroaniline		U	26
208-96-8	Acenaphthylene		U	10
131-11-3	Dimethylphthalate		U	10
606-20-2	2,6-Dinitrotoluene		U	10
83-32-9	Acenaphthene		U	10
99-09-2	3-Nitroaniline		U	26
51-28-5	2,4-Dinitrophenol		U	26
132-64-9	Dibenzofuran		U	10
121-14-2	2,4-Dinitrotoluene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 1 SLV
SDOHS PH-0554

EPA NY049

PA 68-378

3/99

NY049

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Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-9B

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-005
 Sample wt/vol: 970.0 (g/ml) ML Lab File ID: S30353.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/6/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U J	26
86-73-7	Fluorene		U	10
7005-72-3	4-Chlorophenyl-phenylether		U	10
84-66-2	Diethylphthalate		U	10
100-01-6	4-Nitroaniline		U	26
534-52-1	4,6-Dinitro-2-methylphenol		U	26
86-30-6	n-Nitrosodiphenylamine (1)		U	10
101-55-3	4-Bromophenyl-phenylether		U	10
118-74-1	Hexachlorobenzene		U	10
87-86-5	Pentachlorophenol		U	26
85-01-8	Phenanthrene		U	10
120-12-7	Anthracene		U	10
84-74-2	Di-n-butylphthalate		U	10
206-44-0	Fluoranthene		U	10
129-00-0	Pyrene		U	10
85-68-7	Butylbenzylphthalate		U	10
91-94-1	3,3'-Dichlorobenzidine		U	10
56-55-3	Benzo(a)anthracene		U	10
218-01-9	Chrysene		U	10
117-81-7	bis(2-Ethylhexyl)phthalate	1	JB U	10
117-84-0	Di-n-octylphthalate		U	10
205-99-2	Benzo(b)fluoranthene		U	10
207-08-9	Benzo(k)fluoranthene		U	10
50-32-8	Benzo(a)pyrene		U	10
193-39-5	Indeno(1,2,3-cd)pyrene		U	10
62-75-9	n-Nitrosodimethylamine		U	10
53-70-3	Dibenz(a,h)anthracene		U	10
191-24-2	Benzo(g,h,i)perylene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 1 SV 2

OTDONS PH-0554

EPA NY049

PA 68-378

3/90

M-NY049

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-9B

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-005

Sample wt/vol: 970.0 (g/ml) ML Lab File ID: S30353.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/6/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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NYSDOH 10142

NJDEP 73015

FORM 1 SV TIC

EPA NY049

PA 68-378

2/00
M-NY049

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-006
 Sample wt/vol: 890.0 (g/ml) ML Lab File ID: S30354.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/6/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO. COMPOUND RESULT Q RL

111-44-4	bis(2-Chloroethyl)ether		U	11
108-95-2	Phenol		U	11
95-57-8	2-Chlorophenol		U	11
541-73-1	1,3-Dichlorobenzene		U	11
106-46-7	1,4-Dichlorobenzene		U	11
95-50-1	1,2-Dichlorobenzene		U	11
100-51-6	Benzyl alcohol		U	11
108-60-1	2,2'-oxybis(1-Chloropropane)		U	11
95-48-7	2-Methylphenol		U	11
67-72-1	Hexachloroethane		U	11
621-64-7	N-Nitroso-di-n-propylamine		U	11
106-44-5	4-Methylphenol		U	11
98-95-3	Nitrobenzene		U	11
78-59-1	Isophorone		U	11
88-75-5	2-Nitrophenol		U	11
105-67-9	2,4-Dimethylphenol		U	11
111-91-1	bis(2-Chloroethoxy)methane		U	11
120-83-2	2,4-Dichlorophenol		U	11
120-82-1	1,2,4-Trichlorobenzene		U	11
91-20-3	Naphthalene	1	J	11
106-47-8	4-Chloroaniline		U	11
87-68-3	Hexachlorobutadiene		U	11
59-50-7	4-Chloro-3-methylphenol		U	11
91-57-6	2-Methylnaphthalene	1	J	11
77-47-4	Hexachlorocyclopentadiene		U	11
88-06-2	2,4,6-Trichlorophenol		U	11
95-95-4	2,4,5-Trichlorophenol		U	56
91-58-7	2-Chloronaphthalene		U	11
88-74-4	2-Nitroaniline		U	28
208-96-8	Acenaphthylene		U	11
131-11-3	Dimethylphthalate		U	11
606-20-2	2,6-Dinitrotoluene		U	11
83-32-9	Acenaphthene		U	11
99-09-2	3-Nitroaniline		U	28
51-28-5	2,4-Dinitrophenol		U	28
132-64-9	Dibenzofuran		U	11
121-14-2	2,4-Dinitrotoluene		U	11

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TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV 1
STL DOHS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-006
 Sample wt/vol: 890.0 (g/ml) ML Lab File ID: S30354.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/6/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U <u>J</u>	28
86-73-7	Fluorene		U	11
7005-72-3	4-Chlorophenyl-phenylether		U	11
84-66-2	Diethylphthalate		U	11
100-01-6	4-Nitroaniline		U	28
534-52-1	4,6-Dinitro-2-methylphenol		U	28
86-30-6	n-Nitrosodiphenylamine (1)		U	11
101-55-3	4-Bromophenyl-phenylether		U	11
118-74-1	Hexachlorobenzene		U	11
87-86-5	Pentachlorophenol		U	28
85-01-8	Phenanthrene		U	11
120-12-7	Anthracene		U	11
84-74-2	Di-n-butylphthalate		U	11
206-44-0	Fluoranthene		U	11
129-00-0	Pyrene		U	11
85-68-7	Butylbenzylphthalate		U	11
91-94-1	3,3'-Dichlorobenzidine		U	11
56-55-3	Benzo(a)anthracene		U	11
218-01-9	Chrysene		U	11
117-81-7	bis(2-Ethylhexyl)phthalate	1	<u>JB</u> U	11
117-84-0	Di-n-octylphthalate		U	11
205-99-2	Benzo(b)fluoranthene		U	11
207-08-9	Benzo(k)fluoranthene		U	11
50-32-8	Benzo(a)pyrene		U	11
193-39-5	Indeno(1,2,3-cd)pyrene		U	11
62-75-9	n-Nitrosodimethylamine		U	11
53-70-3	Dibenz(a,h)anthracene		U	11
191-24-2	Benzo(g,h,i)perylene		U	11

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STL

NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

OTDOHS PH-0554

EPA NY049

PA 68-378

3/99

M-NY049

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 Fax (845) 562-0841

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-5

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-006
Sample wt/vol: 890.0 (g/ml) ML Lab File ID: S30354.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/6/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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NYSDOH 10142

NJDEP 73015

FORM 1 SV-TIC
UTDONS PH-0884

EPA NY049

PA 68-378

2/00
M-NY049

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-10

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-007
 Sample wt/vol: 890.0 (g/ml) ML Lab File ID: S30355.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/6/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	11
108-95-2	Phenol		U	11
95-57-8	2-Chlorophenol		U	11
541-73-1	1,3-Dichlorobenzene		U	11
106-46-7	1,4-Dichlorobenzene		U	11
95-50-1	1,2-Dichlorobenzene		U	11
100-51-6	Benzyl alcohol		U	11
108-60-1	2,2'-oxybis(1-Chloropropane)		U	11
95-48-7	2-Methylphenol		U	11
67-72-1	Hexachloroethane		U	11
621-64-7	N-Nitroso-di-n-propylamine		U	11
106-44-5	4-Methylphenol		U	11
98-95-3	Nitrobenzene		U	11
78-59-1	Isophorone		U	11
88-75-5	2-Nitrophenol		U	11
105-67-9	2,4-Dimethylphenol		U	11
111-91-1	bis(2-Chloroethoxy)methane		U	11
120-83-2	2,4-Dichlorophenol		U	11
120-82-1	1,2,4-Trichlorobenzene		U	11
91-20-3	Naphthalene		U	11
106-47-8	4-Chloroaniline		U	11
87-68-3	Hexachlorobutadiene		U	11
59-50-7	4-Chloro-3-methylphenol		U	11
91-57-6	2-Methylnaphthalene		U	11
77-47-4	Hexachlorocyclopentadiene		U	11
88-06-2	2,4,6-Trichlorophenol		U	11
95-95-4	2,4,5-Trichlorophenol		U	56
91-58-7	2-Chloronaphthalene		U	11
88-74-4	2-Nitroaniline		U	28
208-96-8	Acenaphthylene		U	11
131-11-3	Dimethylphthalate		U	11
606-20-2	2,6-Dinitrotoluene		U	11
83-32-9	Acenaphthene		U	11
99-09-2	3-Nitroaniline		U	28
51-28-5	2,4-Dinitrophenol		U	28
132-64-9	Dibenzofuran		U	11
121-14-2	2,4-Dinitrotoluene		U	11

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NYSDOH 10142

NJDEP 73015

FORM 1 SV 1
STDOHS PH-0554

EPA NY049

PA 68-378

3/90
M-NY049

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-10

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-007
 Sample wt/vol: 890.0 (g/ml) ML Lab File ID: S30355.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/6/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO. COMPOUND RESULT Q RL

100-02-7	4-Nitrophenol		U	28
86-73-7	Fluorene		U	11
7005-72-3	4-Chlorophenyl-phenylether		U	11
84-66-2	Diethylphthalate		U	11
100-01-6	4-Nitroaniline		U	28
534-52-1	4,6-Dinitro-2-methylphenol		U	28
86-30-6	n-Nitrosodiphenylamine (1)		U	11
101-55-3	4-Bromophenyl-phenylether		U	11
118-74-1	Hexachlorobenzene		U	11
87-86-5	Pentachlorophenol		U	28
85-01-8	Phenanthrene		U	11
120-12-7	Anthracene		U	11
84-74-2	Di-n-butylphthalate		U	11
206-44-0	Fluoranthene		U	11
129-00-0	Pyrene		U	11
85-68-7	Butylbenzylphthalate		U	11
91-94-1	3,3'-Dichlorobenzidine		U	11
56-55-3	Benzo(a)anthracene		U	11
218-01-9	Chrysene		U	11
117-81-7	bis(2-Ethylhexyl)phthalate	1	U	11
117-84-0	Di-n-octylphthalate		U	11
205-99-2	Benzo(b)fluoranthene		U	11
207-08-9	Benzo(k)fluoranthene		U	11
50-32-8	Benzo(a)pyrene		U	11
193-39-5	Indeno(1,2,3-cd)pyrene		U	11
62-75-9	n-Nitrosodimethylamine		U	11
53-70-3	Dibenz(a,h)anthracene		U	11
191-24-2	Benzo(g,h,i)perylene		U	11

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SEVERN
TRENT STL

NYSDOH 10142

NJDEP 73015

FORM 1 SV-2
GIBBS PH-0554

EPA NY049

PA 68-378

3/99
M-NY049

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315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-10

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-007

Sample wt/vol: 890.0 (g/ml) ML Lab File ID: S30355.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/6/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 14 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001707-71-7	Ethyl pyrophosphate	9.00	7	JN
2.	C8H11N isomer	10.06	6	J
3. 000618-45-1	Phenol, 3-(1-methylethyl)-	10.43	2	JN
4.	Unknown	10.58	3	J
5.	Unknown	10.92	3	J
6.	C8H14 isomer	11.23	2	J
7.	Unknown	11.97	3	J
8.	C12H18O isomer	12.43	4	J
9.	Unknown	12.83	2	J
10.	Unknown	13.38	3	J
11.	C10H16 isomer	13.68	3	J
12.	Unknown	13.97	4	J
13. 000294-62-2	Cyclododecane	17.10	4	JN
14. 001002-84-2	Pentadecanoic acid	17.73	3	JN

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6A

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-008
 Sample wt/vol: 920.0 (g/ml) ML Lab File ID: S30421.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/7/2004
 Concentrated Extract Volume: 5000 (uL) Date Analyzed: 7/15/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 5.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U R	270
108-95-2	Phenol		U R	270
95-57-8	2-Chlorophenol		U R	270
541-73-1	1,3-Dichlorobenzene		U R	270
106-46-7	1,4-Dichlorobenzene		U R	270
95-50-1	1,2-Dichlorobenzene		U R	270
100-51-6	Benzyl alcohol		U R	270
108-60-1	2,2'-oxybis(1-Chloropropane)		U R	270
95-48-7	2-Methylphenol		U R	270
67-72-1	Hexachloroethane		U R	270
621-64-7	N-Nitroso-di-n-propylamine		U R	270
106-44-5	4-Methylphenol		U R	270
98-95-3	Nitrobenzene		U R	270
78-59-1	Isophorone		U R	270
88-75-5	2-Nitrophenol		U R	270
105-67-9	2,4-Dimethylphenol		U R	270
111-91-1	bis(2-Chloroethoxy)methane		U R	270
120-83-2	2,4-Dichlorophenol		U R	270
120-82-1	1,2,4-Trichlorobenzene		U R	270
91-20-3	Naphthalene		U R	270
106-47-8	4-Chloroaniline		U R	270
87-68-3	Hexachlorobutadiene		U R	270
59-50-7	4-Chloro-3-methylphenol		U R	270
91-57-6	2-Methylnaphthalene		U R	270
77-47-4	Hexachlorocyclopentadiene		U R	270
88-06-2	2,4,6-Trichlorophenol		U R	270
95-95-4	2,4,5-Trichlorophenol		U R	1400
91-58-7	2-Chloronaphthalene		U R	270
88-74-4	2-Nitroaniline		U R	680
208-96-8	Acenaphthylene		U R	270
131-11-3	Dimethylphthalate		U R	270
606-20-2	2,6-Dinitrotoluene		U R	270
83-32-9	Acenaphthene		U R	270
99-09-2	3-Nitroaniline		U R	680
51-28-5	2,4-Dinitrophenol		U R	680
132-64-9	Dibenzofuran		U R	270
121-14-2	2,4-Dinitrotoluene		U R	270

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV 1

OTDHS PH-0554

EPA NY049

PA 68-378

9/00

M-NY049

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315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6A

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-008
 Sample wt/vol: 920.0 (g/ml) ML Lab File ID: S30421.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/7/2004
 Concentrated Extract Volume: 5000 (uL) Date Analyzed: 7/15/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 5.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U R	680
86-73-7	Fluorene		U R	270
7005-72-3	4-Chlorophenyl-phenylether		U R	270
84-66-2	Diethylphthalate		U R	270
100-01-6	4-Nitroaniline		U R	680
534-52-1	4,6-Dinitro-2-methylphenol		U R	680
86-30-6	n-Nitrosodiphenylamine (1)		U R	270
101-55-3	4-Bromophenyl-phenylether		U R	270
118-74-1	Hexachlorobenzene		U R	270
87-86-5	Pentachlorophenol		U R	680
85-01-8	Phenanthrene	100	J J	270
120-12-7	Anthracene		U R	270
84-74-2	Di-n-butylphthalate		U R	270
206-44-0	Fluoranthene	58	J J	270
129-00-0	Pyrene	96	J J	270
85-68-7	Butylbenzylphthalate		U R	270
91-94-1	3,3'-Dichlorobenzidine		U R	270
56-55-3	Benzo(a)anthracene		U R	270
218-01-9	Chrysene		U R	270
117-81-7	bis(2-Ethylhexyl)phthalate	460	B U R	270
117-84-0	Di-n-octylphthalate		U R	270
205-99-2	Benzo(b)fluoranthene		U R	270
207-08-9	Benzo(k)fluoranthene		U R	270
50-32-8	Benzo(a)pyrene		U R	270
193-39-5	Indeno(1,2,3-cd)pyrene		U R	270
62-75-9	n-Nitrosodimethylamine		U R	270
53-70-3	Dibenz(a,h)anthracene		U R	270
191-24-2	Benzo(g,h,i)perylene		U R	270

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NYSDOH 10142

NJDEP 73015

FORM 1512

OPDONS PH-0554

EPA NY049

PA 68-378

3/90

M-NY049

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Fax (845) 562-0841

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-6A

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-008
 Sample wt/vol: 920.0 (g/ml) ML Lab File ID: S30421.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/7/2004
 Concentrated Extract Volume: 5000 (uL) Date Analyzed: 7/15/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 5.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	7.29	90	JD
2.	Unknown	8.08	120	JD
3.	Unknown	8.19	120	JD
4.	Unknown	8.27	110	JD
5.	Unknown CnH2n	8.56	170	JD
6. 001120-21-4	Undecane	8.67	810	JND
7. 001707-71-7	Ethyl pyrophosphate	8.97	110	JND
8.	C11H22 isomer	9.23	90	JD
9.	ethyl-dimethyl Benzene isomer	9.48	75	JD
10.	Unknown CnH2n+2	9.51	89	JD
11.	Unknown	11.89	80	JD
12.	Unknown	12.05	170	JD
13. 000000-00-0	Decahydro-4,4,8,9,10-pentameth	12.22	220	JND
14.	Unknown	12.83	830	JD
15.	Unknown	13.15	250	JD
16. 000000-00-0	Decahydro-4,4,8,9,10-pentameth	13.24	1100	JND
17.	C10H18 isomer	13.38	180	JD
18.	Unknown	14.26	310	JD
19.	Unknown	22.90	540	JD
20.	Unknown	24.38	530	JD

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 15-TIC
UTDORS PH 0554

EPA NY049

PA 68-378

3/90
M-11049

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6ARE

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-008RE

Sample wt/vol: 920.0 (g/ml) ML Lab File ID: S30422.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/7/2004

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 7/15/2004

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U R	270
108-95-2	Phenol		U R	270
95-57-8	2-Chlorophenol		U R	270
541-73-1	1,3-Dichlorobenzene		U R	270
106-46-7	1,4-Dichlorobenzene		U R	270
95-50-1	1,2-Dichlorobenzene		U R	270
100-51-6	Benzyl alcohol		U R	270
108-60-1	2,2'-oxybis(1-Chloropropane)		U R	270
95-48-7	2-Methylphenol		U R	270
67-72-1	Hexachloroethane		U R	270
621-64-7	N-Nitroso-di-n-propylamine		U R	270
106-44-5	4-Methylphenol		U R	270
98-95-3	Nitrobenzene		U R	270
78-59-1	Isophorone		U R	270
88-75-5	2-Nitrophenol		U R	270
105-67-9	2,4-Dimethylphenol		U R	270
111-91-1	bis(2-Chloroethoxy)methane		U R	270
120-83-2	2,4-Dichlorophenol		U R	270
120-82-1	1,2,4-Trichlorobenzene		U R	270
91-20-3	Naphthalene		U R	270
106-47-8	4-Chloroaniline		U R	270
87-68-3	Hexachlorobutadiene		U R	270
59-50-7	4-Chloro-3-methylphenol		U R	270
91-57-6	2-Methylnaphthalene		U R	270
77-47-4	Hexachlorocyclopentadiene		U R	270
88-06-2	2,4,6-Trichlorophenol		U R	270
95-95-4	2,4,5-Trichlorophenol		U R	1400
91-58-7	2-Chloronaphthalene		U R	270
88-74-4	2-Nitroaniline		U R	680
208-96-8	Acenaphthylene		U R	270
131-11-3	Dimethylphthalate		U R	270
606-20-2	2,6-Dinitrotoluene		U R	270
83-32-9	Acenaphthene		U R	270
99-09-2	3-Nitroaniline		U R	680
51-28-5	2,4-Dinitrophenol		U R	680
132-64-9	Dibenzofuran		U R	270
121-14-2	2,4-Dinitrotoluene		U R	270

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

CTDOHS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6ARE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-008RE
 Sample wt/vol: 920.0 (g/ml) ML Lab File ID: S30422.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/7/2004
 Concentrated Extract Volume: 5000 (uL) Date Analyzed: 7/15/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 5.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U R	680
86-73-7	Fluorene		U R	270
7005-72-3	4-Chlorophenyl-phenylether		U R	270
84-66-2	Diethylphthalate		U R	270
100-01-6	4-Nitroaniline		U R	680
534-52-1	4,6-Dinitro-2-methylphenol		U R	680
86-30-6	n-Nitrosodiphenylamine (1)		U R	270
101-55-3	4-Bromophenyl-phenylether		U R	270
118-74-1	Hexachlorobenzene		U R	270
87-86-5	Pentachlorophenol		U R	680
85-01-8	Phenanthrene	73	J T	270
120-12-7	Anthracene		U R	270
84-74-2	Di-n-butylphthalate		U R	270
206-44-0	Fluoranthene	85	J J	270
129-00-0	Pyrene	97	J J	270
85-68-7	Butylbenzylphthalate		U R	270
91-94-1	3,3'-Dichlorobenzidine		U R	270
56-55-3	Benzo(a)anthracene		U R	270
218-01-9	Chrysene		U R	270
117-81-7	bis(2-Ethylhexyl)phthalate	480	B U R	270
117-84-0	Di-n-octylphthalate		U R	270
205-99-2	Benzo(b)fluoranthene		U R	270
207-08-9	Benzo(k)fluoranthene		U R	270
50-32-8	Benzo(a)pyrene		U R	270
193-39-5	Indeno(1,2,3-cd)pyrene		U R	270
62-75-9	n-Nitrosodimethylamine		U R	270
53-70-3	Dibenz(a,h)anthracene		U R	270
191-24-2	Benzo(g,h,i)perylene		U R	270

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**SEVERN
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NYSDOH 10142

NJDEP 73016

FORM 1 SV-2

CTDORS PH-0554

EPA NY049

PA 68-378

3/90
M-NY049

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-6ARE

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-008RE
 Sample wt/vol: 920.0 (g/ml) ML Lab File ID: S30422.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/7/2004
 Concentrated Extract Volume: 5000 (uL) Date Analyzed: 7/15/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 5.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	7.30	110	JD
2. 000112-41-4	1-Dodecene	8.08	96	JND
3.	Unknown	8.19	130	JD
4.	Unknown CnH2nO	8.27	120	JD
5.	Unknown CnH2n	8.56	140	JD
6. 001120-21-4	Undecane	8.67	830	JND
7. 001707-71-7	Ethyl pyrophosphate	8.96	120	JND
8.	C11H22 isomer	9.24	90	JD
9.	ethyl-dimethyl Benzene isomer	9.48	95	JD
10.	Unknown CnH2n+2	9.51	110	JD
11. 017301-23-4	Undecane, 2,6-dimethyl-	10.13	79	JND
12.	Unknown CnH2n+2	11.19	65	JD
13.	Unknown	12.05	110	JD
14.	Unknown	12.22	160	JD
15.	Unknown	12.84	670	JD
16.	Unknown	13.15	160	JD
17. 000000-00-0	Decahydro-4,4,8,9,10-pentameth	13.25	640	JND
18.	C10H18 isomer	13.38	150	JD
19.	Unknown	22.89	540	JD
20.	Unknown	24.38	450	JD

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NYSDOH 10142

NJDEP 73015

FORM 1 SV TIC

EPA NY049

PA 68-378

3/99
M-NY049

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6B

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-009
 Sample wt/vol: 960.0 (g/ml) ML Lab File ID: S30356.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/7/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	10
108-95-2	Phenol		U	10
95-57-8	2-Chlorophenol		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
100-51-6	Benzyl alcohol		U	10
108-60-1	2,2'-oxybis(1-Chloropropane)		U	10
95-48-7	2-Methylphenol		U	10
67-72-1	Hexachloroethane		U	10
621-64-7	N-Nitroso-di-n-propylamine		U	10
106-44-5	4-Methylphenol		U	10
98-95-3	Nitrobenzene		U	10
78-59-1	Isophorone		U	10
88-75-5	2-Nitrophenol		U	10
105-67-9	2,4-Dimethylphenol		U	10
111-91-1	bis(2-Chloroethoxy)methane		U	10
120-83-2	2,4-Dichlorophenol		U	10
120-82-1	1,2,4-Trichlorobenzene		U	10
91-20-3	Naphthalene	2	J	10
106-47-8	4-Chloroaniline		U	10
87-68-3	Hexachlorobutadiene		U	10
59-50-7	4-Chloro-3-methylphenol		U	10
91-57-6	2-Methylnaphthalene	1	J	10
77-47-4	Hexachlorocyclopentadiene		U	10
88-06-2	2,4,6-Trichlorophenol		U	10
95-95-4	2,4,5-Trichlorophenol		U	52
91-58-7	2-Chloronaphthalene		U	10
88-74-4	2-Nitroaniline		U	26
208-96-8	Acenaphthylene		U	10
131-11-3	Dimethylphthalate		U	10
606-20-2	2,6-Dinitrotoluene		U	10
83-32-9	Acenaphthene		U	10
99-09-2	3-Nitroaniline		U	26
51-28-5	2,4-Dinitrophenol		U	26
132-64-9	Dibenzofuran		U	10
121-14-2	2,4-Dinitrotoluene		U	10

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SEVERN
TRENT **STL**

NYSDOH 10142

NJDEP 73015 FORM 1 SY 1 EDITIONS PH-0554

EPA NY049

PA 68-378

3/90

M-NY049

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Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6B

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-009
 Sample wt/vol: 960.0 (g/ml) ML Lab File ID: S30356.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/7/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U 3	26
86-73-7	Fluorene		U	10
7005-72-3	4-Chlorophenyl-phenylether		U	10
84-66-2	Diethylphthalate		U	10
100-01-6	4-Nitroaniline		U	26
534-52-1	4,6-Dinitro-2-methylphenol		U	26
86-30-6	n-Nitrosodiphenylamine (1)		U	10
101-55-3	4-Bromophenyl-phenylether		U	10
118-74-1	Hexachlorobenzene		U	10
87-86-5	Pentachlorophenol		U	26
85-01-8	Phenanthrene		U	10
120-12-7	Anthracene		U	10
84-74-2	Di-n-butylphthalate		U	10
206-44-0	Fluoranthene		U	10
129-00-0	Pyrene		U	10
85-68-7	Butylbenzylphthalate		U	10
91-94-1	3,3'-Dichlorobenzidine		U	10
56-55-3	Benzo(a)anthracene		U	10
218-01-9	Chrysene		U	10
117-81-7	bis(2-Ethylhexyl)phthalate		U	10
117-84-0	Di-n-octylphthalate		U	10
205-99-2	Benzo(b)fluoranthene		U	10
207-08-9	Benzo(k)fluoranthene		U	10
50-32-8	Benzo(a)pyrene		U	10
193-39-5	Indeno(1,2,3-cd)pyrene		U	10
62-75-9	n-Nitrosodimethylamine		U	10
53-70-3	Dibenz(a,h)anthracene		U	10
191-24-2	Benzo(g,h,i)perylene		U	10

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**SEVERN
TRENT** STL

NYSDOH 10142

NJDEP 73016

FORM 1 SV 2

CLDORS PH-0554

EPA NY049

PA 68-378

3/96

M-NY049

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-6B

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-009

Sample wt/vol: 960.0 (g/ml) ML Lab File ID: S30356.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/7/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

W-1S

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-010

Sample wt/vol: 940.0 (g/ml) ML Lab File ID: S30358.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: _____ decanted:(Y/N) N Date Extracted: 7/7/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	11
108-95-2	Phenol		U	11
95-57-8	2-Chlorophenol		U	11
541-73-1	1,3-Dichlorobenzene		U	11
106-46-7	1,4-Dichlorobenzene		U	11
95-50-1	1,2-Dichlorobenzene		U	11
100-51-6	Benzyl alcohol		U	11
108-60-1	2,2'-oxybis(1-Chloropropane)		U	11
95-48-7	2-Methylphenol		U	11
67-72-1	Hexachloroethane		U	11
621-64-7	N-Nitroso-di-n-propylamine		U	11
106-44-5	4-Methylphenol		U	11
98-95-3	Nitrobenzene		U	11
78-59-1	Isophorone		U	11
88-75-5	2-Nitrophenol		U	11
105-67-9	2,4-Dimethylphenol		U	11
111-91-1	bis(2-Chloroethoxy)methane		U	11
120-83-2	2,4-Dichlorophenol		U	11
120-82-1	1,2,4-Trichlorobenzene		U	11
91-20-3	Naphthalene		U	11
106-47-8	4-Chloroaniline		U	11
87-68-3	Hexachlorobutadiene		U	11
59-50-7	4-Chloro-3-methylphenol		U	11
91-57-6	2-Methylnaphthalene		U	11
77-47-4	Hexachlorocyclopentadiene		U	11
88-06-2	2,4,6-Trichlorophenol		U	11
95-95-4	2,4,5-Trichlorophenol		U	53
91-58-7	2-Chloronaphthalene		U	11
88-74-4	2-Nitroaniline		U	27
208-96-8	Acenaphthylene		U	11
131-11-3	Dimethylphthalate		U	11
606-20-2	2,6-Dinitrotoluene		U	11
83-32-9	Acenaphthene		U	11
99-09-2	3-Nitroaniline		U	27
51-28-5	2,4-Dinitrophenol		U	27
132-64-9	Dibenzofuran		U	11
121-14-2	2,4-Dinitrotoluene		U	11

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV 1
C780HS PH-0554

EPA NY049

PA 68-378

3/99
M-NY049

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Newburgh, NY 12550
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Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

W-1S

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-010
 Sample wt/vol: 940.0 (g/ml) ML Lab File ID: S30358.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/7/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U J	27
86-73-7	Fluorene		U	11
7005-72-3	4-Chlorophenyl-phenylether		U	11
84-66-2	Diethylphthalate		U	11
100-01-6	4-Nitroaniline		U	27
534-52-1	4,6-Dinitro-2-methylphenol		U	27
86-30-6	n-Nitrosodiphenylamine (1)		U	11
101-55-3	4-Bromophenyl-phenylether		U	11
118-74-1	Hexachlorobenzene		U	11
87-86-5	Pentachlorophenol		U	27
85-01-8	Phenanthrene		U	11
120-12-7	Anthracene		U	11
84-74-2	Di-n-butylphthalate		U	11
206-44-0	Fluoranthene		U	11
129-00-0	Pyrene		U	11
85-68-7	Butylbenzylphthalate		U	11
91-94-1	3,3'-Dichlorobenzidine		U	11
56-55-3	Benzo(a)anthracene		U	11
218-01-9	Chrysene		U	11
117-81-7	bis(2-Ethylhexyl)phthalate		U	11
117-84-0	Di-n-octylphthalate		U	11
205-99-2	Benzo(b)fluoranthene		U	11
207-08-9	Benzo(k)fluoranthene		U	11
50-32-8	Benzo(a)pyrene		U	11
193-39-5	Indeno(1,2,3-cd)pyrene		U	11
62-75-9	n-Nitrosodimethylamine		U	11
53-70-3	Dibenz(a,h)anthracene		U	11
191-24-2	Benzo(g,h,i)perylene		U	11

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-2 EPOCHS PH-0554

EPA NY049

PA 68-378

3/99
M-NY049

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Fax (845) 562-0841

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

W-1S

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-010
Sample wt/vol: 940.0 (g/ml) ML Lab File ID: S30358.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/7/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 15V-TIC
CITRUS PH-0554

EPA NY049

PA 68-378

2/00
R-NY049STL Newburgh
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Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-13

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-011
 Sample wt/vol: 940.0 (g/ml) ML Lab File ID: S30386.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	11
108-95-2	Phenol		U	11
95-57-8	2-Chlorophenol		U	11
541-73-1	1,3-Dichlorobenzene		U	11
106-46-7	1,4-Dichlorobenzene		U	11
95-50-1	1,2-Dichlorobenzene		U	11
100-51-6	Benzyl alcohol		U	11
108-60-1	2,2'-oxybis(1-Chloropropane)		U	11
95-48-7	2-Methylphenol		U	11
67-72-1	Hexachloroethane		U	11
621-64-7	N-Nitroso-di-n-propylamine		U	11
106-44-5	4-Methylphenol		U	11
98-95-3	Nitrobenzene		U	11
78-59-1	Isophorone		U	11
88-75-5	2-Nitrophenol		U	11
105-67-9	2,4-Dimethylphenol		U	11
111-91-1	bis(2-Chloroethoxy)methane		U	11
120-83-2	2,4-Dichlorophenol		U	11
120-82-1	1,2,4-Trichlorobenzene		U	11
91-20-3	Naphthalene		U	11
106-47-8	4-Chloroaniline		U	11
87-68-3	Hexachlorobutadiene		U	11
59-50-7	4-Chloro-3-methylphenol		U	11
91-57-6	2-Methylnaphthalene		U	11
77-47-4	Hexachlorocyclopentadiene		U	11
88-06-2	2,4,6-Trichlorophenol		U	11
95-95-4	2,4,5-Trichlorophenol		U	53
91-58-7	2-Chloronaphthalene		U	11
88-74-4	2-Nitroaniline		U	27
208-96-8	Acenaphthylene		U	11
131-11-3	Dimethylphthalate		U	11
606-20-2	2,6-Dinitrotoluene		U	11
83-32-9	Acenaphthene		U	11
99-09-2	3-Nitroaniline		U	27
51-28-5	2,4-Dinitrophenol		U	27
132-64-9	Dibenzofuran		U	11
121-14-2	2,4-Dinitrotoluene		U	11

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NYSDOH 10142

NJDEP 73015

FORM 1 SV 1
EPA/OS PH-0554

EPA NY049

PA 68-378

3/90

M-NY049

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Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-13

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-011

Sample wt/vol: 940.0 (g/ml) ML Lab File ID: S30386.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U 5	27
86-73-7	Fluorene		U	11
7005-72-3	4-Chlorophenyl-phenylether		U	11
84-66-2	Diethylphthalate	1	J	11
100-01-6	4-Nitroaniline		U	27
534-52-1	4,6-Dinitro-2-methylphenol		U	27
86-30-6	n-Nitrosodiphenylamine (1)		U	11
101-55-3	4-Bromophenyl-phenylether		U	11
118-74-1	Hexachlorobenzene		U	11
87-86-5	Pentachlorophenol		U	27
85-01-8	Phenanthrene		U	11
120-12-7	Anthracene		U	11
84-74-2	Di-n-butylphthalate		U	11
206-44-0	Fluoranthene		U	11
129-00-0	Pyrene		U	11
85-68-7	Butylbenzylphthalate		U	11
91-94-1	3,3'-Dichlorobenzidine		U	11
56-55-3	Benzo(a)anthracene		U	11
218-01-9	Chrysene		U	11
117-81-7	bis(2-Ethylhexyl)phthalate	3	J	11
117-84-0	Di-n-octylphthalate		U	11
205-99-2	Benzo(b)fluoranthene		U	11
207-08-9	Benzo(k)fluoranthene		U	11
50-32-8	Benzo(a)pyrene		U	11
193-39-5	Indeno(1,2,3-cd)pyrene		U	11
62-75-9	n-Nitrosodimethylamine		U	11
53-70-3	Dibenz(a,h)anthracene		U	11
191-24-2	Benzo(g,h,i)perylene		U	11

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-2
STL CHS PH-0554

EPA NY049

PA 68-378

3/99
M-NY049

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-13

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-011
 Sample wt/vol: 940.0 (g/ml) ML Lab File ID: S30386.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 8 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000134-62-3	Diethyltoluamide	14.27	5	JN
2. 000088-19-7	Benzenesulfonamide, 2-methyl-	14.91	10	JN
3. 000070-55-3	Benzenesulfonamide, 4-methyl-	15.33	15	JN
4.	Unknown C _n H _{2n+2}	21.56	2	J
5.	Unknown C _n H _{2n+2}	22.20	3	J
6. 000112-95-8	Eicosane	22.81	3	JN
7.	Unknown C _n H _{2n+2}	23.42	3	J
8.	Unknown C _n H _{2n+2}	23.99	3	J

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NYSDOH 10142

NJDEP 73016

FORM 15V-TIC

UTDONS PH 0554

EPA NY049

PA 68-378

3/90
M-NY049

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Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

W-2S

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-012
 Sample wt/vol: 940.0 (g/ml) ML Lab File ID: S30357.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/7/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	11
108-95-2	Phenol		U	11
95-57-8	2-Chlorophenol		U	11
541-73-1	1,3-Dichlorobenzene		U	11
106-46-7	1,4-Dichlorobenzene		U	11
95-50-1	1,2-Dichlorobenzene		U	11
100-51-6	Benzyl alcohol		U	11
108-60-1	2,2'-oxybis(1-Chloropropane)		U	11
95-48-7	2-Methylphenol		U	11
67-72-1	Hexachloroethane		U	11
621-64-7	N-Nitroso-di-n-propylamine		U	11
106-44-5	4-Methylphenol		U	11
98-95-3	Nitrobenzene		U	11
78-59-1	Isophorone		U	11
88-75-5	2-Nitrophenol		U	11
105-67-9	2,4-Dimethylphenol		U	11
111-91-1	bis(2-Chloroethoxy)methane		U	11
120-83-2	2,4-Dichlorophenol		U	11
120-82-1	1,2,4-Trichlorobenzene		U J	11
91-20-3	Naphthalene		U	11
106-47-8	4-Chloroaniline		U	11
87-68-3	Hexachlorobutadiene		U	11
59-50-7	4-Chloro-3-methylphenol		U	11
91-57-6	2-Methylnaphthalene		U	11
77-47-4	Hexachlorocyclopentadiene		U	11
88-06-2	2,4,6-Trichlorophenol		U	11
95-95-4	2,4,5-Trichlorophenol		U	53
91-58-7	2-Chloronaphthalene		U	11
88-74-4	2-Nitroaniline		U	27
208-96-8	Acenaphthylene		U	11
131-11-3	Dimethylphthalate		U	11
606-20-2	2,6-Dinitrotoluene		U	11
83-32-9	Acenaphthene		U	11
99-09-2	3-Nitroaniline		U	27
51-28-5	2,4-Dinitrophenol		U	27
132-64-9	Dibenzofuran		U	11
121-14-2	2,4-Dinitrotoluene		U	11

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**SEVERN
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NYSDOH 10142

NJDEP 73015

FORM 1 SVL
SDOHS PH-0554

EPA NY049

PA 68-378

3/00
M NY049

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

W-2S

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-012
 Sample wt/vol: 940.0 (g/ml) ML Lab File ID: S30357.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/7/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U J	27
86-73-7	Fluorene		U	11
7005-72-3	4-Chlorophenyl-phenylether		U	11
84-66-2	Diethylphthalate		U	11
100-01-6	4-Nitroaniline		U	27
534-52-1	4,6-Dinitro-2-methylphenol		U	27
86-30-6	n-Nitrosodiphenylamine (1)		U	11
101-55-3	4-Bromophenyl-phenylether		U	11
118-74-1	Hexachlorobenzene		U	11
87-86-5	Pentachlorophenol		U	27
85-01-8	Phenanthrene		U	11
120-12-7	Anthracene		U	11
84-74-2	Di-n-butylphthalate		U	11
206-44-0	Fluoranthene		U	11
129-00-0	Pyrene		U	11
85-68-7	Butylbenzylphthalate		U	11
91-94-1	3,3'-Dichlorobenzidine		U	11
56-55-3	Benzo(a)anthracene		U	11
218-01-9	Chrysene		U	11
117-81-7	bis(2-Ethylhexyl)phthalate		U	11
117-84-0	Di-n-octylphthalate		U	11
205-99-2	Benzo(b)fluoranthene		U	11
207-08-9	Benzo(k)fluoranthene		U	11
50-32-8	Benzo(a)pyrene		U	11
193-39-5	Indeno(1,2,3-cd)pyrene		U	11
62-75-9	n-Nitrosodimethylamine		U	11
53-70-3	Dibenz(a,h)anthracene		U	11
191-24-2	Benzo(g,h,i)perylene		U	11

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-2
STL DOHS PH-0554

EPA NY049

PA 68-378

3/99
M-NY049

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Fax (845) 562-0841

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

W-2S

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-012
Sample wt/vol: 940.0 (g/ml) ML Lab File ID: S30357.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/7/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/8/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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STL

NYSDOH 10142

NJDEP 73016

FORM SV-TIC
STL DOHS PH-0534

EPA NY049

PA 68-378

2/00
M-NY049

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Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-013
 Sample wt/vol: 980.0 (g/ml) ML Lab File ID: S30387.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	10
108-95-2	Phenol		U	10
95-57-8	2-Chlorophenol		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
100-51-6	Benzyl alcohol		U	10
108-60-1	2,2'-oxybis(1-Chloropropane)		U	10
95-48-7	2-Methylphenol		U	10
67-72-1	Hexachloroethane		U	10
621-64-7	N-Nitroso-di-n-propylamine		U	10
106-44-5	4-Methylphenol		U	10
98-95-3	Nitrobenzene		U	10
78-59-1	Isophorone		U	10
88-75-5	2-Nitrophenol		U	10
105-67-9	2,4-Dimethylphenol		U	10
111-91-1	bis(2-Chloroethoxy)methane		U	10
120-83-2	2,4-Dichlorophenol		U	10
120-82-1	1,2,4-Trichlorobenzene		U	10
91-20-3	Naphthalene		U	10
106-47-8	4-Chloroaniline		U	10
87-68-3	Hexachlorobutadiene		U	10
59-50-7	4-Chloro-3-methylphenol		U	10
91-57-6	2-Methylnaphthalene		U	10
77-47-4	Hexachlorocyclopentadiene		U	10
88-06-2	2,4,6-Trichlorophenol		U	10
95-95-4	2,4,5-Trichlorophenol		U	51
91-58-7	2-Chloronaphthalene		U	10
88-74-4	2-Nitroaniline		U	26
208-96-8	Acenaphthylene		U	10
131-11-3	Dimethylphthalate		U	10
606-20-2	2,6-Dinitrotoluene		U	10
83-32-9	Acenaphthene		U	10
99-09-2	3-Nitroaniline		U	26
51-28-5	2,4-Dinitrophenol		U	26
132-64-9	Dibenzofuran		U	10
121-14-2	2,4-Dinitrotoluene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 1 SY 1

LABOR PH-0554

EPA NY049

PA 68-378

3/99

NY049

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 315 Fullerton Avenue
 Newburgh, NY 12550
 Tel (845) 562-0890
 Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-013
 Sample wt/vol: 980.0 (g/ml) ML Lab File ID: S30387.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U <u>5</u>	26
86-73-7	Fluorene		U	10
7005-72-3	4-Chlorophenyl-phenylether		U	10
84-66-2	Diethylphthalate		U	10
100-01-6	4-Nitroaniline		U	26
534-52-1	4,6-Dinitro-2-methylphenol		U	26
86-30-6	n-Nitrosodiphenylamine (1)		U	10
101-55-3	4-Bromophenyl-phenylether		U	10
118-74-1	Hexachlorobenzene		U	10
87-86-5	Pentachlorophenol		U	26
85-01-8	Phenanthrene		U	10
120-12-7	Anthracene		U	10
84-74-2	Di-n-butylphthalate		U	10
206-44-0	Fluoranthene		U	10
129-00-0	Pyrene		U	10
85-68-7	Butylbenzylphthalate		U	10
91-94-1	3,3'-Dichlorobenzidine		U	10
56-55-3	Benzo(a)anthracene		U	10
218-01-9	Chrysene		U	10
117-81-7	bis(2-Ethylhexyl)phthalate		U	10
117-84-0	Di-n-octylphthalate		U	10
205-99-2	Benzo(b)fluoranthene		U	10
207-08-9	Benzo(k)fluoranthene		U	10
50-32-8	Benzo(a)pyrene		U	10
193-39-5	Indeno(1,2,3-cd)pyrene		U	10
62-75-9	n-Nitrosodimethylamine		U	10
53-70-3	Dibenz(a,h)anthracene		U	10
191-24-2	Benzo(g,h,i)perylene		U	10

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

SDOHs PH-0554

EPA NY049

PA 68-378

3/90
M NY049

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-7

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-013
Sample wt/vol: 980.0 (g/ml) ML Lab File ID: S30387.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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NYSDOH 10142

NJDEP 73015

FORM 1 SV-TIC
NYSDOH 10142

EPA NY049

PA 68-378

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M-NY049STL Newburgh
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Fax (845) 562-0841

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-3N

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-014

Sample wt/vol: 970.0 (g/ml) ML Lab File ID: S30388.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: _____ decanted:(Y/N) N Date Extracted: 7/8/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	10
108-95-2	Phenol		U	10
95-57-8	2-Chlorophenol		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
100-51-6	Benzyl alcohol		U	10
108-60-1	2,2'-oxybis(1-Chloropropane)		U	10
95-48-7	2-Methylphenol		U	10
67-72-1	Hexachloroethane		U	10
621-64-7	N-Nitroso-di-n-propylamine		U	10
106-44-5	4-Methylphenol		U	10
98-95-3	Nitrobenzene		U	10
78-59-1	Isophorone		U	10
88-75-5	2-Nitrophenol		U	10
105-67-9	2,4-Dimethylphenol		U	10
111-91-1	bis(2-Chloroethoxy)methane		U	10
120-83-2	2,4-Dichlorophenol		U	10
120-82-1	1,2,4-Trichlorobenzene		U J	10
91-20-3	Naphthalene		U	10
106-47-8	4-Chloroaniline		U	10
87-68-3	Hexachlorobutadiene		U	10
59-50-7	4-Chloro-3-methylphenol		U	10
91-57-6	2-Methylnaphthalene		U	10
77-47-4	Hexachlorocyclopentadiene		U	10
88-06-2	2,4,6-Trichlorophenol		U	10
95-95-4	2,4,5-Trichlorophenol		U	52
91-58-7	2-Chloronaphthalene		U	10
88-74-4	2-Nitroaniline		U	26
208-96-8	Acenaphthylene		U	10
131-11-3	Dimethylphthalate		U	10
606-20-2	2,6-Dinitrotoluene		U	10
83-32-9	Acenaphthene		U	10
99-09-2	3-Nitroaniline		U	26
51-28-5	2,4-Dinitrophenol		U	26
132-64-9	Dibenzofuran		U	10
121-14-2	2,4-Dinitrotoluene		U	10

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3N

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-014
 Sample wt/vol: 970.0 (g/ml) ML Lab File ID: S30388.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U J	26
86-73-7	Fluorene		U	10
7005-72-3	4-Chlorophenyl-phenylether		U	10
84-66-2	Diethylphthalate		U	10
100-01-6	4-Nitroaniline		U	26
534-52-1	4,6-Dinitro-2-methylphenol		U	26
86-30-6	n-Nitrosodiphenylamine (1)		U	10
101-55-3	4-Bromophenyl-phenylether		U	10
118-74-1	Hexachlorobenzene		U	10
87-86-5	Pentachlorophenol		U	26
85-01-8	Phenanthrene		U	10
120-12-7	Anthracene		U	10
84-74-2	Di-n-butylphthalate		U	10
206-44-0	Fluoranthene		U	10
129-00-0	Pyrene		U	10
85-68-7	Butylbenzylphthalate		U	10
91-94-1	3,3'-Dichlorobenzidine		U	10
56-55-3	Benzo(a)anthracene		U	10
218-01-9	Chrysene		U	10
117-81-7	bis(2-Ethylhexyl)phthalate		U	10
117-84-0	Di-n-octylphthalate		U	10
205-99-2	Benzo(b)fluoranthene		U	10
207-08-9	Benzo(k)fluoranthene		U	10
50-32-8	Benzo(a)pyrene		U	10
193-39-5	Indeno(1,2,3-cd)pyrene		U	10
62-75-9	n-Nitrosodimethylamine		U	10
53-70-3	Dibenz(a,h)anthracene		U	10
191-24-2	Benzo(g,h,i)perylene		U	10

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TRENT **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV 2
GIDORS PH-0554

EPA NY049

PA 68-378

3/99
M-NY049

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-3N

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-014

Sample wt/vol: 970.0 (g/ml) ML Lab File ID: S30388.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 10 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	10.48	2	J
2.	C8H14 isomer	11.19	2	J
3.	C8H14 isomer	11.56	3	J
4.	Unknown	12.02	2	J
5.	Unknown	12.20	2	J
6.	Unknown	12.47	4	J
7.	Unknown	12.60	2	J
8.	Benzene isomer	12.98	2	J
9.	Unknown	14.71	4	J
10. 000057-10-3	Hexadecanoic acid	17.67	3	JN

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SEVERN
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NYSDOH 10142

NJDEP 73016

FORM 157-TIC

EPA NY049

PA 68-378

3/00
M-NY049

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8B

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-015
 Sample wt/vol: 950.0 (g/ml) ML Lab File ID: S30389.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	11
108-95-2	Phenol		U	11
95-57-8	2-Chlorophenol		U	11
541-73-1	1,3-Dichlorobenzene		U	11
106-46-7	1,4-Dichlorobenzene		U	11
95-50-1	1,2-Dichlorobenzene		U	11
100-51-6	Benzyl alcohol		U	11
108-60-1	2,2'-oxybis(1-Chloropropane)		U	11
95-48-7	2-Methylphenol		U	11
67-72-1	Hexachloroethane		U	11
621-64-7	N-Nitroso-di-n-propylamine		U	11
106-44-5	4-Methylphenol		U	11
98-95-3	Nitrobenzene		U	11
78-59-1	Isophorone		U	11
88-75-5	2-Nitrophenol		U	11
105-67-9	2,4-Dimethylphenol		U	11
111-91-1	bis(2-Chloroethoxy)methane		U	11
120-83-2	2,4-Dichlorophenol		U	11
120-82-1	1,2,4-Trichlorobenzene		U	11
91-20-3	Naphthalene		U	11
106-47-8	4-Chloroaniline		U	11
87-68-3	Hexachlorobutadiene		U	11
59-50-7	4-Chloro-3-methylphenol		U	11
91-57-6	2-Methylnaphthalene		U	11
77-47-4	Hexachlorocyclopentadiene		U	11
88-06-2	2,4,6-Trichlorophenol		U	11
95-95-4	2,4,5-Trichlorophenol		U	53
91-58-7	2-Chloronaphthalene		U	11
88-74-4	2-Nitroaniline		U	26
208-96-8	Acenaphthylene		U	11
131-11-3	Dimethylphthalate		U	11
606-20-2	2,6-Dinitrotoluene		U	11
83-32-9	Acenaphthene		U	11
99-09-2	3-Nitroaniline		U	26
51-28-5	2,4-Dinitrophenol		U	26
132-64-9	Dibenzofuran		U	11
121-14-2	2,4-Dinitrotoluene		U	11

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NYSDOH 10142

NJDEP 73015

FORM 1 SY 1
GSDOHS PH-0554

EPA NY049

PA 68-378

3/99

M-NY049

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8B

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-015
 Sample wt/vol: 950.0 (g/ml) ML Lab File ID: S30389.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U J	26
86-73-7	Fluorene		U	11
7005-72-3	4-Chlorophenyl-phenylether		U	11
84-66-2	Diethylphthalate		U	11
100-01-6	4-Nitroaniline		U	26
534-52-1	4,6-Dinitro-2-methylphenol		U	26
86-30-6	n-Nitrosodiphenylamine (1)		U	11
101-55-3	4-Bromophenyl-phenylether		U	11
118-74-1	Hexachlorobenzene		U	11
87-86-5	Pentachlorophenol		U	26
85-01-8	Phenanthrene		U	11
120-12-7	Anthracene		U	11
84-74-2	Di-n-butylphthalate		U	11
206-44-0	Fluoranthene		U	11
129-00-0	Pyrene		U	11
85-68-7	Butylbenzylphthalate		U	11
91-94-1	3,3'-Dichlorobenzidine		U	11
56-55-3	Benzo(a)anthracene		U	11
218-01-9	Chrysene		U	11
117-81-7	bis(2-Ethylhexyl)phthalate		U	11
117-84-0	Di-n-octylphthalate		U	11
205-99-2	Benzo(b)fluoranthene		U	11
207-08-9	Benzo(k)fluoranthene		U	11
50-32-8	Benzo(a)pyrene		U	11
193-39-5	Indeno(1,2,3-cd)pyrene		U	11
62-75-9	n-Nitrosodimethylamine		U	11
53-70-3	Dibenz(a,h)anthracene		U	11
191-24-2	Benzo(g,h,i)perylene		U	11

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

OTDORS PH-0554

EPA NY049

PA 68-378

3/99
M-NY049

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Newburgh, NY 12550
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Fax (845) 562-0841

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-8B

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-015
Sample wt/vol: 950.0 (g/ml) ML Lab File ID: S30389.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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**SEVERN
TRENT** **STL**

NYS DOH 10142

NJ DEP 73015

FORM 1 SV-TIC
UTDORS PH 0554

EPA NY049

PA 68-378

3/90
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Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8A

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-016
 Sample wt/vol: 950.0 (g/ml) ML Lab File ID: S30390.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO. COMPOUND RESULT Q RL

111-44-4	bis(2-Chloroethyl)ether		U R	11
108-95-2	Phenol		U R	11
95-57-8	2-Chlorophenol		U R	11
541-73-1	1,3-Dichlorobenzene		U R	11
106-46-7	1,4-Dichlorobenzene		U R	11
95-50-1	1,2-Dichlorobenzene		U R	11
100-51-6	Benzyl alcohol		U R	11
108-60-1	2,2'-oxybis(1-Chloropropane)		U R	11
95-48-7	2-Methylphenol		U R	11
67-72-1	Hexachloroethane		U R	11
621-64-7	N-Nitroso-di-n-propylamine		U R	11
106-44-5	4-Methylphenol		U R	11
98-95-3	Nitrobenzene		U R	11
78-59-1	Isophorone		U R	11
88-75-5	2-Nitrophenol		U R	11
105-67-9	2,4-Dimethylphenol		U R	11
111-91-1	bis(2-Chloroethoxy)methane		U R	11
120-83-2	2,4-Dichlorophenol		U R	11
120-82-1	1,2,4-Trichlorobenzene		U R	11
91-20-3	Naphthalene		U R	11
106-47-8	4-Chloroaniline		U R	11
87-68-3	Hexachlorobutadiene		U R	11
59-50-7	4-Chloro-3-methylphenol		U R	11
91-57-6	2-Methylnaphthalene		U R	11
77-47-4	Hexachlorocyclopentadiene		U R	11
88-06-2	2,4,6-Trichlorophenol		U R	11
95-95-4	2,4,5-Trichlorophenol		U R	53
91-58-7	2-Chloronaphthalene		U R	11
88-74-4	2-Nitroaniline		U R	26
208-96-8	Acenaphthylene		U R	11
131-11-3	Dimethylphthalate		U R	11
606-20-2	2,6-Dinitrotoluene		U R	11
83-32-9	Acenaphthene		U R	11
99-09-2	3-Nitroaniline		U R	26
51-28-5	2,4-Dinitrophenol		U R	26
132-64-9	Dibenzofuran		U R	11
121-14-2	2,4-Dinitrotoluene		U R	11

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**SEVERN
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NYSDOH 10142

NYDEP 73015

FORM 1 SV 1

61 DOHS PH-0554

EPA NY049

PA 66-378

9/99
M-NY049

STL Newburgh
315 Fullerton Avenue
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Tel (845) 562-0890
Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8A

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-016
 Sample wt/vol: 950.0 (g/ml) ML Lab File ID: S30390.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	26
86-73-7	Fluorene		U	11
7005-72-3	4-Chlorophenyl-phenylether		U	11
84-66-2	Diethylphthalate		U	11
100-01-6	4-Nitroaniline		U	26
534-52-1	4,6-Dinitro-2-methylphenol		U	26
86-30-6	n-Nitrosodiphenylamine (1)		U	11
101-55-3	4-Bromophenyl-phenylether		U	11
118-74-1	Hexachlorobenzene		U	11
87-86-5	Pentachlorophenol		U	26
85-01-8	Phenanthrene		U	11
120-12-7	Anthracene		U	11
84-74-2	Di-n-butylphthalate		U	11
206-44-0	Fluoranthene		U	11
129-00-0	Pyrene		U	11
85-68-7	Butylbenzylphthalate		U	11
91-94-1	3,3'-Dichlorobenzidine		U	11
56-55-3	Benzo(a)anthracene		U	11
218-01-9	Chrysene		U	11
117-81-7	bis(2-Ethylhexyl)phthalate		U	11
117-84-0	Di-n-octylphthalate		U	11
205-99-2	Benzo(b)fluoranthene		U	11
207-08-9	Benzo(k)fluoranthene		U	11
50-32-8	Benzo(a)pyrene		U	11
193-39-5	Indeno(1,2,3-cd)pyrene		U	11
62-75-9	n-Nitrosodimethylamine		U	11
53-70-3	Dibenz(a,h)anthracene		U	11
191-24-2	Benzo(g,h,i)perylene		U	11

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TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

61DOHS PH-0554

EPA NY049

PA 68-378

3/99

M-NY049

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Fax (845) 562-0841

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-8A

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-016
Sample wt/vol: 950.0 (g/ml) ML Lab File ID: S30390.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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NYS DOH 10142

NJ DEP 73015

FORM 10142-1
EPA DOH 9 PH-8554

EPA NY049

PA 60-378

3/90
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Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8ARR

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-016RR
 Sample wt/vol: 1000.0 (g/ml) ML Lab File ID: S30447.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/14/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/19/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	10
108-95-2	Phenol		U	10
95-57-8	2-Chlorophenol		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
100-51-6	Benzyl alcohol		U	10
108-60-1	2,2'-oxybis(1-Chloropropane)		U	10
95-48-7	2-Methylphenol		U	10
67-72-1	Hexachloroethane		U	10
621-64-7	N-Nitroso-di-n-propylamine		U	10
106-44-5	4-Methylphenol		U	10
98-95-3	Nitrobenzene		U	10
78-59-1	Isophorone		U	10
88-75-5	2-Nitrophenol		U	10
105-67-9	2,4-Dimethylphenol		U	10
111-91-1	bis(2-Chloroethoxy)methane		U	10
120-83-2	2,4-Dichlorophenol		U	10
120-82-1	1,2,4-Trichlorobenzene		U	10
91-20-3	Naphthalene		U	10
106-47-8	4-Chloroaniline		U	10
87-68-3	Hexachlorobutadiene		U	10
59-50-7	4-Chloro-3-methylphenol		U	10
91-57-6	2-Methylnaphthalene		U	10
77-47-4	Hexachlorocyclopentadiene		U	10
88-06-2	2,4,6-Trichlorophenol		U	10
95-95-4	2,4,5-Trichlorophenol		U	50
91-58-7	2-Chloronaphthalene		U	10
88-74-4	2-Nitroaniline		U	25
208-96-8	Acenaphthylene		U	10
131-11-3	Dimethylphthalate		U	10
606-20-2	2,6-Dinitrotoluene		U	10
83-32-9	Acenaphthene		U	10
99-09-2	3-Nitroaniline		U	25
51-28-5	2,4-Dinitrophenol		U	25
132-64-9	Dibenzofuran		U	10
121-14-2	2,4-Dinitrotoluene		U	10

000592

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NYSDOH 10142

NJDEP 73015

FORM 1 SV 1

CDOMS PH-0554

EPA NY049

PA 68-378

3/99

M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8ARR

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-016RR
 Sample wt/vol: 1000.0 (g/ml) ML Lab File ID: S30447.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/14/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/19/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	25
86-73-7	Fluorene		U	10
7005-72-3	4-Chlorophenyl-phenylether		U	10
84-66-2	Diethylphthalate		U	10
100-01-6	4-Nitroaniline		U	25
534-52-1	4,6-Dinitro-2-methylphenol		U	25
86-30-6	n-Nitrosodiphenylamine (1)		U	10
101-55-3	4-Bromophenyl-phenylether		U	10
118-74-1	Hexachlorobenzene		U	10
87-86-5	Pentachlorophenol		U	25
85-01-8	Phenanthrene		U	10
120-12-7	Anthracene		U	10
84-74-2	Di-n-butylphthalate	1	J	10
206-44-0	Fluoranthene		U	10
129-00-0	Pyrene		U	10
85-68-7	Butylbenzylphthalate		U	10
91-94-1	3,3'-Dichlorobenzidine		U	10
56-55-3	Benzo(a)anthracene		U	10
218-01-9	Chrysene		U	10
117-81-7	bis(2-Ethylhexyl)phthalate	1	J	10
117-84-0	Di-n-octylphthalate		U	10
205-99-2	Benzo(b)fluoranthene		U	10
207-08-9	Benzo(k)fluoranthene		U	10
50-32-8	Benzo(a)pyrene		U	10
193-39-5	Indeno(1,2,3-cd)pyrene		U	10
62-75-9	n-Nitrosodimethylamine		U	10
53-70-3	Dibenz(a,h)anthracene		U	10
191-24-2	Benzo(g,h,i)perylene		U	10

000593

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CDOMS PH-0554

EPA NY049

PA 68-378

3/90

M-NY049

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-8ARR

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-016RR
 Sample wt/vol: 1000.0 (g/ml) ML Lab File ID: S30447.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/14/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/19/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000085-69-8	1,2-Benzenedicarboxylic acid, but	16.87	2	JN

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NYSDOH 10142

NJDEP 73015

FORM 15-VTIC
CTDOHS PH-0554

EPA NY049

PA 68-378

2/00
M-NY049

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Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2N

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-017

Sample wt/vol: 950.0 (g/ml) ML Lab File ID: S30391.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: _____ decanted:(Y/N) N Date Extracted: 7/8/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	11
108-95-2	Phenol		U	11
95-57-8	2-Chlorophenol		U	11
541-73-1	1,3-Dichlorobenzene		U	11
106-46-7	1,4-Dichlorobenzene	3	J	11
95-50-1	1,2-Dichlorobenzene		U	11
100-51-6	Benzyl alcohol		U	11
108-60-1	2,2'-oxybis(1-Chloropropane)		U	11
95-48-7	2-Methylphenol		U	11
67-72-1	Hexachloroethane		U	11
621-64-7	N-Nitroso-di-n-propylamine		U	11
106-44-5	4-Methylphenol		U	11
98-95-3	Nitrobenzene		U	11
78-59-1	Isophorone		U	11
88-75-5	2-Nitrophenol		U	11
105-67-9	2,4-Dimethylphenol		U	11
111-91-1	bis(2-Chloroethoxy)methane		U	11
120-83-2	2,4-Dichlorophenol		U	11
120-82-1	1,2,4-Trichlorobenzene		U	11
91-20-3	Naphthalene	5	J	11
106-47-8	4-Chloroaniline		U	11
87-68-3	Hexachlorobutadiene		U	11
59-50-7	4-Chloro-3-methylphenol		U	11
91-57-6	2-Methylnaphthalene	2	J	11
77-47-4	Hexachlorocyclopentadiene		U	11
88-06-2	2,4,6-Trichlorophenol		U	11
95-95-4	2,4,5-Trichlorophenol		U	53
91-58-7	2-Chloronaphthalene		U	11
88-74-4	2-Nitroaniline		U	26
208-96-8	Acenaphthylene		U	11
131-11-3	Dimethylphthalate		U	11
606-20-2	2,6-Dinitrotoluene		U	11
83-32-9	Acenaphthene		U	11
99-09-2	3-Nitroaniline		U	26
51-28-5	2,4-Dinitrophenol		U	26
132-64-9	Dibenzofuran		U	11
121-14-2	2,4-Dinitrotoluene		U	11

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

6120HS PH-0554

EPA NY049

PA 68-378

3/00

NY049

STL Newburgh
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Newburgh, NY 12550
Tel (845) 662-0890
Fax (845) 662-0841

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-2N

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-017

Sample wt/vol: 950.0 (g/ml) ML Lab File ID: S30391.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U 5	26
86-73-7	Fluorene		U	11
7005-72-3	4-Chlorophenyl-phenylether		U	11
84-66-2	Diethylphthalate		U	11
100-01-6	4-Nitroaniline		U	26
534-52-1	4,6-Dinitro-2-methylphenol		U	26
86-30-6	n-Nitrosodiphenylamine (1)		U	11
101-55-3	4-Bromophenyl-phenylether		U	11
118-74-1	Hexachlorobenzene		U	11
87-86-5	Pentachlorophenol		U	26
85-01-8	Phenanthrene		U	11
120-12-7	Anthracene		U	11
84-74-2	Di-n-butylphthalate		U	11
206-44-0	Fluoranthene		U	11
129-00-0	Pyrene		U	11
85-68-7	Butylbenzylphthalate		U	11
91-94-1	3,3'-Dichlorobenzidine		U	11
56-55-3	Benzo(a)anthracene		U	11
218-01-9	Chrysene		U	11
117-81-7	bis(2-Ethylhexyl)phthalate	4	J	11
117-84-0	Di-n-octylphthalate		U	11
205-99-2	Benzo(b)fluoranthene		U	11
207-08-9	Benzo(k)fluoranthene		U	11
50-32-8	Benzo(a)pyrene		U	11
193-39-5	Indeno(1,2,3-cd)pyrene		U	11
62-75-9	n-Nitrosodimethylamine		U	11
53-70-3	Dibenz(a,h)anthracene		U	11
191-24-2	Benzo(g,h,i)perylene		U	11

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NYS DOH 10142

NJ DEP 73015

FORM 1 SV-2

ST DOHS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-2N

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-017
 Sample wt/vol: 950.0 (g/ml) ML Lab File ID: S30391.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 14 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000095-36-3	1,2,4-Trimethylbenzene	7.69	9	JN
2. 000098-54-4	Phenol, p-tert-butyl-	11.21	5	JN
3.	ethy-dimethyl Benzene isomer	12.98	9	J
4.	Unknown	13.50	3	J
5. 000134-62-3	Diethyltoluamide	14.30	4	JN
6. 000126-73-8	Phosphoric acid tributyl ester	14.89	12	JN
7.	Unknown	15.17	9	J
8. 000934-34-9	2(3H)-Benzothiazolone	15.52	22	JN
9. 000080-39-7	Benzenesulfonamide, N-ethyl-4-	15.77	6	JN
10. 000814-29-9	Phosphine oxide, tributyl-	15.99	8	JN
11. 000544-63-8	Tetradecanoic acid	17.68	3	JN
12.	Unknown	19.13	3	J
13.	Unknown	19.41	2	J
14.	Unknown	20.95	11	J

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NYSDOH 10142

NJDEP 73015

FORM 15V-TIC
CTDONS PH-0554

EPA NY049

PA 68-378

3/00
M-11049

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Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-018
 Sample wt/vol: 950.0 (g/ml) ML Lab File ID: S30392.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	11
108-95-2	Phenol		U	11
95-57-8	2-Chlorophenol		U	11
541-73-1	1,3-Dichlorobenzene		U	11
106-46-7	1,4-Dichlorobenzene		U	11
95-50-1	1,2-Dichlorobenzene		U	11
100-51-6	Benzyl alcohol		U	11
108-60-1	2,2'-oxybis(1-Chloropropane)		U	11
95-48-7	2-Methylphenol		U	11
67-72-1	Hexachloroethane		U	11
621-64-7	N-Nitroso-di-n-propylamine		U	11
106-44-5	4-Methylphenol		U	11
98-95-3	Nitrobenzene		U	11
78-59-1	Isophorone		U	11
88-75-5	2-Nitrophenol		U	11
105-67-9	2,4-Dimethylphenol		U	11
111-91-1	bis(2-Chloroethoxy)methane		U	11
120-83-2	2,4-Dichlorophenol		U	11
120-82-1	1,2,4-Trichlorobenzene		U	11
91-20-3	Naphthalene		U	11
106-47-8	4-Chloroaniline		U	11
87-68-3	Hexachlorobutadiene		U	11
59-50-7	4-Chloro-3-methylphenol		U	11
91-57-6	2-Methylnaphthalene		U	11
77-47-4	Hexachlorocyclopentadiene		U	11
88-06-2	2,4,6-Trichlorophenol		U	11
95-95-4	2,4,5-Trichlorophenol		U	53
91-58-7	2-Chloronaphthalene		U	11
88-74-4	2-Nitroaniline		U	26
208-96-8	Acenaphthylene		U	11
131-11-3	Dimethylphthalate		U	11
606-20-2	2,6-Dinitrotoluene		U	11
83-32-9	Acenaphthene		U	11
99-09-2	3-Nitroaniline		U	26
51-28-5	2,4-Dinitrophenol		U	26
132-64-9	Dibenzofuran		U	11
121-14-2	2,4-Dinitrotoluene		U	11

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TRENT **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV 1

SDOHS PH-0554

EPA NY049

PA 68-378

3/90
M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FB

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-018

Sample wt/vol: 950.0 (g/ml) ML Lab File ID: S30392.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: _____ decanted:(Y/N) N Date Extracted: 7/8/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U J	26
86-73-7	Fluorene		U	11
7005-72-3	4-Chlorophenyl-phenylether		U	11
84-66-2	Diethylphthalate		U	11
100-01-6	4-Nitroaniline		U	26
534-52-1	4,6-Dinitro-2-methylphenol		U	26
86-30-6	n-Nitrosodiphenylamine (1)		U	11
101-55-3	4-Bromophenyl-phenylether		U	11
118-74-1	Hexachlorobenzene		U	11
87-86-5	Pentachlorophenol		U	26
85-01-8	Phenanthrene		U	11
120-12-7	Anthracene		U	11
84-74-2	Di-n-butylphthalate		U	11
206-44-0	Fluoranthene		U	11
129-00-0	Pyrene		U	11
85-68-7	Butylbenzylphthalate		U	11
91-94-1	3,3'-Dichlorobenzidine		U	11
56-55-3	Benzo(a)anthracene		U	11
218-01-9	Chrysene		U	11
117-81-7	bis(2-Ethylhexyl)phthalate		U	11
117-84-0	Di-n-octylphthalate		U	11
205-99-2	Benzo(b)fluoranthene		U	11
207-08-9	Benzo(k)fluoranthene		U	11
50-32-8	Benzo(a)pyrene		U	11
193-39-5	Indeno(1,2,3-cd)pyrene		U	11
62-75-9	n-Nitrosodimethylamine		U	11
53-70-3	Dibenz(a,h)anthracene		U	11
191-24-2	Benzo(g,h,i)perylene		U	11

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TRENT STL

NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDORS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049STL Newburgh
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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FB

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-018
Sample wt/vol: 950.0 (g/ml) ML Lab File ID: S30392.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 1(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	C18H36 isomer	17.07	2	J

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-11A

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-019
 Sample wt/vol: 980.0 (g/ml) ML Lab File ID: S30393.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	10
108-95-2	Phenol		U	10
95-57-8	2-Chlorophenol		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
100-51-6	Benzyl alcohol		U	10
108-60-1	2,2'-oxybis(1-Chloropropane)		U	10
95-48-7	2-Methylphenol		U	10
67-72-1	Hexachloroethane		U	10
621-64-7	N-Nitroso-di-n-propylamine		U	10
106-44-5	4-Methylphenol		U	10
98-95-3	Nitrobenzene		U	10
78-59-1	Isophorone		U	10
88-75-5	2-Nitrophenol		U	10
105-67-9	2,4-Dimethylphenol		U	10
111-91-1	bis(2-Chloroethoxy)methane		U	10
120-83-2	2,4-Dichlorophenol		U	10
120-82-1	1,2,4-Trichlorobenzene		U	10
91-20-3	Naphthalene	1	J	10
106-47-8	4-Chloroaniline		U	10
87-68-3	Hexachlorobutadiene		U	10
59-50-7	4-Chloro-3-methylphenol		U	10
91-57-6	2-Methylnaphthalene	1	J	10
77-47-4	Hexachlorocyclopentadiene		U	10
88-06-2	2,4,6-Trichlorophenol		U	10
95-95-4	2,4,5-Trichlorophenol		U	51
91-58-7	2-Chloronaphthalene		U	10
88-74-4	2-Nitroaniline		U	26
208-96-8	Acenaphthylene		U	10
131-11-3	Dimethylphthalate		U	10
606-20-2	2,6-Dinitrotoluene		U	10
83-32-9	Acenaphthene		U	10
99-09-2	3-Nitroaniline		U	26
51-28-5	2,4-Dinitrophenol		U	26
132-64-9	Dibenzofuran		U	10
121-14-2	2,4-Dinitrotoluene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-1

STLONS PH-0554

EPA NY049

PA 68-378

3/00

M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-11A

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-019

Sample wt/vol: 980.0 (g/ml) ML Lab File ID: S30393.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: _____ decanted:(Y/N) N Date Extracted: 7/8/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U J	26
86-73-7	Fluorene		U	10
7005-72-3	4-Chlorophenyl-phenylether		U	10
84-66-2	Diethylphthalate		U	10
100-01-6	4-Nitroaniline		U	26
534-52-1	4,6-Dinitro-2-methylphenol		U	26
86-30-6	n-Nitrosodiphenylamine (1)		U	10
101-55-3	4-Bromophenyl-phenylether		U	10
118-74-1	Hexachlorobenzene		U	10
87-86-5	Pentachlorophenol		U	26
85-01-8	Phenanthrene	1	J	10
120-12-7	Anthracene		U	10
84-74-2	Di-n-butylphthalate		U	10
206-44-0	Fluoranthene		U	10
129-00-0	Pyrene		U	10
85-68-7	Butylbenzylphthalate		U	10
91-94-1	3,3'-Dichlorobenzidine		U	10
56-55-3	Benzo(a)anthracene		U	10
218-01-9	Chrysene		U	10
117-81-7	bis(2-Ethylhexyl)phthalate		U	10
117-84-0	Di-n-octylphthalate		U	10
205-99-2	Benzo(b)fluoranthene		U	10
207-08-9	Benzo(k)fluoranthene		U	10
50-32-8	Benzo(a)pyrene		U	10
193-39-5	Indeno(1,2,3-cd)pyrene		U	10
62-75-9	n-Nitrosodimethylamine		U	10
53-70-3	Dibenz(a,h)anthracene		U	10
191-24-2	Benzo(g,h,i)perylene		U	10

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

612045 PH-0564

EPA NY049

PA 68-378

3/00

M-NY049

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Fax (845) 562-0841

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-11A

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-019
 Sample wt/vol: 980.0 (g/ml) ML Lab File ID: S30393.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/12/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 12 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001707-71-7	Ethyl pyrophosphate	9.06	5	JN
2.	Unknown	9.13	7	J
3. 024903-95-5	Bicyclo[3.1.1]heptan-2-one, 6,6-di	9.35	2	JN
4. 000465-31-6	Bicyclo[2.2.1]heptan-2-ol, 2,3,3-tri	9.56	8	JN
5.	Unknown	9.76	4	J
6.	dimethyl Benzenamine isomer	10.04	11	J
7.	Unknown	10.29	8	J
8.	Unknown	10.39	7	J
9. 000090-12-0	Naphthalene, 1-methyl-	11.54	2	JN
10. 000098-73-7	Benzoic acid, p-tert-butyl-	13.92	14	JN
11.	Unknown	14.96	8	J
12. 077846-89-0	Benzeneacetic acid, .alpha.,.alph	15.25	9	JN

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NYSDOH 10142

NJDEP 73015

FORM 13V-TIC
CITIDONS PH-0554

EPA NY049

PA 68-378

2/00
M-NY049

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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-11B

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-020
 Sample wt/vol: 980.0 (g/ml) ML Lab File ID: S30394.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/13/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	10
108-95-2	Phenol		U	10
95-57-8	2-Chlorophenol		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
100-51-6	Benzyl alcohol		U	10
108-60-1	2,2'-oxybis(1-Chloropropane)		U	10
95-48-7	2-Methylphenol		U	10
67-72-1	Hexachloroethane		U	10
621-64-7	N-Nitroso-di-n-propylamine		U	10
106-44-5	4-Methylphenol		U	10
98-95-3	Nitrobenzene		U	10
78-59-1	Isophorone		U	10
88-75-5	2-Nitrophenol		U	10
105-67-9	2,4-Dimethylphenol		U	10
111-91-1	bis(2-Chloroethoxy)methane		U	10
120-83-2	2,4-Dichlorophenol		U	10
120-82-1	1,2,4-Trichlorobenzene		U J	10
91-20-3	Naphthalene		U	10
106-47-8	4-Chloroaniline		U	10
87-68-3	Hexachlorobutadiene		U	10
59-50-7	4-Chloro-3-methylphenol		U	10
91-57-6	2-Methylnaphthalene		U	10
77-47-4	Hexachlorocyclopentadiene		U	10
88-06-2	2,4,6-Trichlorophenol		U	10
95-95-4	2,4,5-Trichlorophenol		U	51
91-58-7	2-Chloronaphthalene		U	10
88-74-4	2-Nitroaniline		U	26
208-96-8	Acenaphthylene		U	10
131-11-3	Dimethylphthalate		U	10
606-20-2	2,6-Dinitrotoluene		U	10
83-32-9	Acenaphthene		U	10
99-09-2	3-Nitroaniline		U	26
51-28-5	2,4-Dinitrophenol		U	26
132-64-9	Dibenzofuran		U	10
121-14-2	2,4-Dinitrotoluene		U	10

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SEVERN
TRENT **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-1
SYNTH PH-0554

EPA NY049

PA 68-378

3/90
M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-11B

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-020
 Sample wt/vol: 980.0 (g/ml) ML Lab File ID: S30394.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/13/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U	26
86-73-7	Fluorene		U	10
7005-72-3	4-Chlorophenyl-phenylether		U	10
84-66-2	Diethylphthalate		U	10
100-01-6	4-Nitroaniline		U	26
534-52-1	4,6-Dinitro-2-methylphenol		U	26
86-30-6	n-Nitrosodiphenylamine (1)		U	10
101-55-3	4-Bromophenyl-phenylether		U	10
118-74-1	Hexachlorobenzene		U	10
87-86-5	Pentachlorophenol		U	26
85-01-8	Phenanthrene		U	10
120-12-7	Anthracene		U	10
84-74-2	Di-n-butylphthalate		U	10
206-44-0	Fluoranthene		U	10
129-00-0	Pyrene		U	10
85-68-7	Butylbenzylphthalate		U	10
91-94-1	3,3'-Dichlorobenzidine		U	10
56-55-3	Benzo(a)anthracene		U	10
218-01-9	Chrysene		U	10
117-81-7	bis(2-Ethylhexyl)phthalate		U	10
117-84-0	Di-n-octylphthalate		U	10
205-99-2	Benzo(b)fluoranthene		U	10
207-08-9	Benzo(k)fluoranthene		U	10
50-32-8	Benzo(a)pyrene		U	10
193-39-5	Indeno(1,2,3-cd)pyrene		U	10
62-75-9	n-Nitrosodimethylamine		U	10
53-70-3	Dibenz(a,h)anthracene		U	10
191-24-2	Benzo(g,h,i)perylene		U	10

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

CTDORS PH-0554

EPA NY049

PA 68-378

3/99
M-NY049

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Fax (845) 562-0841

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-11B

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-020
Sample wt/vol: 980.0 (g/ml) ML Lab File ID: S30394.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/13/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown CnH2n	17.07	2	J

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SEVERN
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NYSDOH 10142

NJDEP 73015

FORM 10142-10
CTDORS PH-0554

EPA NY049

PA 68-378

2/00
M-NY049STL Newburgh
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Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

W-3S

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960

Matrix: (soil/water) WATER Lab Sample ID: 237960-021

Sample wt/vol: 960.0 (g/ml) ML Lab File ID: S30395.D

Level: (low/med) LOW Date Received: 7/2/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/13/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	10
108-95-2	Phenol		U	10
95-57-8	2-Chlorophenol		U	10
541-73-1	1,3-Dichlorobenzene		U	10
106-46-7	1,4-Dichlorobenzene		U	10
95-50-1	1,2-Dichlorobenzene		U	10
100-51-6	Benzyl alcohol		U	10
108-60-1	2,2'-oxybis(1-Chloropropane)		U	10
95-48-7	2-Methylphenol		U	10
67-72-1	Hexachloroethane		U	10
621-64-7	N-Nitroso-di-n-propylamine		U	10
106-44-5	4-Methylphenol		U	10
98-95-3	Nitrobenzene		U	10
78-59-1	Isophorone		U	10
88-75-5	2-Nitrophenol		U	10
105-67-9	2,4-Dimethylphenol		U	10
111-91-1	bis(2-Chloroethoxy)methane		U	10
120-83-2	2,4-Dichlorophenol		U	10
120-82-1	1,2,4-Trichlorobenzene		U	10
91-20-3	Naphthalene		U	10
106-47-8	4-Chloroaniline		U	10
87-68-3	Hexachlorobutadiene		U	10
59-50-7	4-Chloro-3-methylphenol		U	10
91-57-6	2-Methylnaphthalene		U	10
77-47-4	Hexachlorocyclopentadiene		U	10
88-06-2	2,4,6-Trichlorophenol		U	10
95-95-4	2,4,5-Trichlorophenol		U	52
91-58-7	2-Chloronaphthalene		U	10
88-74-4	2-Nitroaniline		U	26
208-96-8	Acenaphthylene		U	10
131-11-3	Dimethylphthalate		U	10
606-20-2	2,6-Dinitrotoluene		U	10
83-32-9	Acenaphthene		U	26
99-09-2	3-Nitroaniline		U	26
51-28-5	2,4-Dinitrophenol		U	10
132-64-9	Dibenzofuran		U	10
121-14-2	2,4-Dinitrotoluene		U	10

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**SEVERN
TRENT** **STL**

NYSDOH 10142

NJDEP 73018

FORM 1 SV 1

GDCHS PH-0554

EPA NY049

PA 68-378

3/00
M-NY049

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Fax (845) 562-0841

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

W-3S

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-021
 Sample wt/vol: 960.0 (g/ml) ML Lab File ID: S30395.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/13/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U J	26
86-73-7	Fluorene		U	10
7005-72-3	4-Chlorophenyl-phenylether		U	10
84-66-2	Diethylphthalate	3	J	10
100-01-6	4-Nitroaniline		U	26
534-52-1	4,6-Dinitro-2-methylphenol		U	26
86-30-6	n-Nitrosodiphenylamine (1)		U	10
101-55-3	4-Bromophenyl-phenylether		U	10
118-74-1	Hexachlorobenzene		U	10
87-86-5	Pentachlorophenol		U	26
85-01-8	Phenanthrene		U	10
120-12-7	Anthracene		U	10
84-74-2	Di-n-butylphthalate		U	10
206-44-0	Fluoranthene		U	10
129-00-0	Pyrene		U	10
85-68-7	Butylbenzylphthalate		U	10
91-94-1	3,3'-Dichlorobenzidine		U	10
56-55-3	Benzo(a)anthracene		U	10
218-01-9	Chrysene		U	10
117-81-7	bis(2-Ethylhexyl)phthalate	3	J	10
117-84-0	Di-n-octylphthalate		U	10
205-99-2	Benzo(b)fluoranthene		U	10
207-08-9	Benzo(k)fluoranthene		U	10
50-32-8	Benzo(a)pyrene		U	10
193-39-5	Indeno(1,2,3-cd)pyrene		U	10
62-75-9	n-Nitrosodimethylamine		U	10
53-70-3	Dibenz(a,h)anthracene		U	10
191-24-2	Benzo(g,h,i)perylene		U	10

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-2
GTD 046 PH-0554

EPA NY049

PA 68-378

5/90
M-NY049

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

W-3S

Lab Name: STL Newburgh Contract: _____
Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
Matrix: (soil/water) WATER Lab Sample ID: 237960-021
Sample wt/vol: 960.0 (g/ml) ML Lab File ID: S30395.D
Level: (low/med) LOW Date Received: 7/2/2004
% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/13/2004
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	13.52	2	J
2. 000134-62-3	Diethyltoluamide	14.28	4	JN
3. 000088-19-7	Benzenesulfonamide, 2-methyl-	14.93	8	JN
4. 000070-55-3	Benzenesulfonamide, 4-methyl-	15.35	12	JN
5. 000295-17-0	Cyclotetradecane	17.08	9	JN

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NYSDOH 10142

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FORM 1-SV-TIC
OF DOHS PH 0594

EPA NY049

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-12

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-023
 Sample wt/vol: 920.0 (g/ml) ML Lab File ID: S30396.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/13/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
111-44-4	bis(2-Chloroethyl)ether		U	11
108-95-2	Phenol		U	11
95-57-8	2-Chlorophenol		U	11
541-73-1	1,3-Dichlorobenzene		U	11
106-46-7	1,4-Dichlorobenzene	3	J J	11
95-50-1	1,2-Dichlorobenzene		U	11
100-51-6	Benzyl alcohol		U	11
108-60-1	2,2'-oxybis(1-Chloropropane)		U	11
95-48-7	2-Methylphenol		U	11
67-72-1	Hexachloroethane		U	11
621-64-7	N-Nitroso-di-n-propylamine		U	11
106-44-5	4-Methylphenol		U	11
98-95-3	Nitrobenzene		U	11
78-59-1	Isophorone		U	11
88-75-5	2-Nitrophenol		U	11
105-67-9	2,4-Dimethylphenol		U	11
111-91-1	bis(2-Chloroethoxy)methane		U	11
120-83-2	2,4-Dichlorophenol		U	11
120-82-1	1,2,4-Trichlorobenzene		U J	11
91-20-3	Naphthalene	4	J J	11
106-47-8	4-Chloroaniline		U	11
87-68-3	Hexachlorobutadiene		U	11
59-50-7	4-Chloro-3-methylphenol		U	11
91-57-6	2-Methylnaphthalene		U	11
77-47-4	Hexachlorocyclopentadiene		U	11
88-06-2	2,4,6-Trichlorophenol		U	11
95-95-4	2,4,5-Trichlorophenol		U	54
91-58-7	2-Chloronaphthalene		U	11
88-74-4	2-Nitroaniline		U	27
208-96-8	Acenaphthylene		U	11
131-11-3	Dimethylphthalate		U	11
606-20-2	2,6-Dinitrotoluene		U	11
83-32-9	Acenaphthene		U	11
99-09-2	3-Nitroaniline		U	27
51-28-5	2,4-Dinitrophenol		U	27
132-64-9	Dibenzofuran		U	11
121-14-2	2,4-Dinitrotoluene		U	11

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NYSDOH 10142

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FORM 1 SV-1

STDHS PH-0554

EPA NY049

PA 68-378

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M-NY049

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-12

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-023
 Sample wt/vol: 920.0 (g/ml) ML Lab File ID: S30396.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/13/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
100-02-7	4-Nitrophenol		U <u>5</u>	27
86-73-7	Fluorene		U	11
7005-72-3	4-Chlorophenyl-phenylether		U	11
84-66-2	Diethylphthalate		U	11
100-01-6	4-Nitroaniline		U	27
534-52-1	4,6-Dinitro-2-methylphenol		U	27
86-30-6	n-Nitrosodiphenylamine (1)		U	11
101-55-3	4-Bromophenyl-phenylether		U	11
118-74-1	Hexachlorobenzene		U	11
87-86-5	Pentachlorophenol		U	27
85-01-8	Phenanthrene		U	11
120-12-7	Anthracene		U	11
84-74-2	Di-n-butylphthalate		U	11
206-44-0	Fluoranthene		U	11
129-00-0	Pyrene		U	11
85-68-7	Butylbenzylphthalate		U	11
91-94-1	3,3'-Dichlorobenzidine		U	11
56-55-3	Benzo(a)anthracene		U	11
218-01-9	Chrysene		U	11
117-81-7	bis(2-Ethylhexyl)phthalate	4	J <u>5</u>	11
117-84-0	Di-n-octylphthalate		U	11
205-99-2	Benzo(b)fluoranthene		U	11
207-08-9	Benzo(k)fluoranthene		U	11
50-32-8	Benzo(a)pyrene		U	11
193-39-5	Indeno(1,2,3-cd)pyrene		U	11
62-75-9	n-Nitrosodimethylamine		U	11
53-70-3	Dibenz(a,h)anthracene		U	11
191-24-2	Benzo(g,h,i)perylene		U	11

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NYSDOH 10142

NJDEP 73015

FORM 1 SV-2

OTDORS PH-0554

EPA NY049

PA 68-378

3/90

M-NY049

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-12

Lab Name: STL Newburgh Contract: _____
 Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 237960
 Matrix: (soil/water) WATER Lab Sample ID: 237960-023
 Sample wt/vol: 920.0 (g/ml) ML Lab File ID: S30396.D
 Level: (low/med) LOW Date Received: 7/2/2004
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 7/8/2004
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/13/2004
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 16 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000611-14-3	Benzene, 1-ethyl-2-methyl-	7.68	9	JN
2.	Unknown	8.77	4	J
3. 000098-54-4	Phenol, p-tert-butyl-	11.21	5	JN
4.	Unknown	11.91	2	J
5.	ethyl-dimethyl Benzene isomer	12.99	10	J
6.	Benzene Isomer	13.19	2	J
7. 000098-73-7	Benzoic acid, p-tert-butyl-	13.53	6	JN
8. 000134-62-3	Diethyltoluamide	14.31	4	JN
9. 000126-73-8	Phosphoric acid tributyl ester	14.89	13	JN
10.	Unknown	15.18	10	J
11. 000934-34-9	2(3H)-Benzothiazolone	15.53	23	JN
12. 000080-39-7	Benzenesulfonamide, N-ethyl-4-	15.77	6	JN
13. 000057-10-3	Hexadecanoic acid	17.68	4	JN
14.	Unknown	19.13	6	J
15.	Unknown	20.96	13	J
16.	Unknown C _n H _{2n+2}	23.41	2	J

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FORM 13V-TIC
C100HS PH-0554

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PA 68-378

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ATTACHMENT 3

TEST PIT LOGS, SOIL BORING LOGS

AND GROUNDWATER SAMPLING LOGS

INTEGREYTED INTERNATIONAL, LLC
FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

Site: Cooper Crouse-Hinds

Date: 6/30-7/1/04

Project No: 0310025P

Weather/Temp: Sunny and clear, 80 degrees

Sampler: Scott Bryant Signature: _____

Time of Arrival: _____ Time of Departure: _____

Sampler: Mark J Schumacher Signature: _____

Well No:	W-1	W-2	W-3	MW-1	MW-2	MW-3	MW-4A	MW-4B	MW-5	MW-6A	MW-6B	MW-7	MW-8A	MW-8B	MW-9A	MW-9B	MW-10	MW-11A	MW-11B
Depth of Well (TOC):	26.06	25.17	25.21	22.60	21.60	15.00	15.45	39.70	53.35	12.31	59.40	53.70	14.35	41.90	16.22	66.28	16.00	16.45	34.46
Depth to Groundwater (TOC):	6.95	10.15	7.56	10.55	7.70	4.42	4.42	3.38	3.17	5.51	0.25	0.00	2.40	0.00	5.99	0.00	5.20	5.05	4.18
Elevation at Top of PVC:	375.38	376.88	373.95	379.38	380.70	372.23	373.77	373.83	375.71	372.12	372.92	371.98	371.70	371.35	372.08	371.87	370.43	375.08	374.94
Water Level Elevation:	368.43	366.73	366.39	368.83	373.00	367.81	369.35	370.45	372.54	366.61	372.67	371.98	369.30	371.35	366.09	371.87	365.23	370.03	370.76
Well Volume:	3.06	2.40	2.82	1.93	2.22	1.69	1.76	5.81	8.03	1.09	9.46	8.59	1.91	6.70	1.64	10.60	1.73	1.82	4.84
Volume Purged (gallons):	10.00	10.00	10.00	6.00	6.70	5.00	10.00	25.00	27.00	4.00	30.00	28.00	5.70	22.00	10.00	55.00	8.00	10.00	20.00

Purging Method: Peristaltic pump and low flow techniques

Observations:

color	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Cloudy	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Sl. Cldy
sheen	None	None	None	None	None	None	None	None	None	Yes	None	None	None	None	None	None	None	None	None
odor	None	None	None	None	None	None	None	None	None	Oily	None	None	None	None	None	None	None	None	None
pH	7.39	7.17	7.02	4.61	5.94	6.50	7.18	6.90	6.18	NA	6.67	6.39	5.98	6.45	6.83	6.80	6.70	6.98	6.96
temperature	12.36	13.72	16.80	11.20	11.50	13.10	12.69	10.51	12.10	NA	11.90	12.30	12.10	12.00	11.57	11.05	12.20	12.24	10.43
conductivity	2.72	14.70	83.70	1.80	1.70	2.70	1.57	20.50	1.26	NA	6.49	14.90	1.53	23.00	11.00	31.90	0.81	2.14	15.60
dissolved O2	3.33	3.13	4.38	0.00	1.30	7.01	0.74	0.27	0.00	NA	0.00	0.00	0.66	0.00	5.61	0.34	0.00	1.08	0.37
turbidity	56.40	35.60	42.80	30.00	25.00	50.00	48.30	46.30	5.00	NA	7.00	29.00	12.00	17.00	35.70	37.90	50.00	31.00	79.80
ORP	-144.00	-157.00	-134.00	-127.00	-111.00	-119.00	-199.00	-83.00	-82.00	NA	-98.00	-68.00	-176.00	-83.00	-69.00	-76.00	-127.00	-138.00	-100.00

Comments:

INTEGREYTED INTERNATIONAL, LLC
TEST BORING LOG
BORING NO.: MW-4B

Sheet 1 of 3

PROJECT: Preliminary Site Assessment					Sheet 1 of 3	
CLIENT: Cooper Industries						
INTEGREYTED PROJECT NO: 0310025P						
DRILLING METHOD: H.S.A		SAMPLER		BIT SIZE	CORE	CASING
DRILLING RIG: CME 45B		2' SS		4 1/4" ID	NA	NA
DRILLER: Jeff Grant		INSPECTOR: Scott Bryant		DATE: 6/9/04		
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC.	PID READING (ppm)	SOIL DESCRIPTION	REMARKS
1.0	1	1	0.6	2.0	Sand (f-m) little silt, black foundry sand and slag, organics, wet	Fill
2.0		2				Obvious peat odor
3.0	2	12	0.4	3.0	Same as above, saturated	WT @ 3'
4.0		6				Fill
5.0	3	2	0.5	4.0	Peat and sand (f-m) little silt, saturated, black	peat odor
6.0		9				
7.0	4	6	0.8	4.0	Sand (f-cs) trace gravel (f), organics, black, saturated	peat odor
8.0		11				
9.0	5	6	0.9	2.0	Same as above to 9.0'	peat odor
10.0		4			9.0-10.0' Sand (f-cs) little silt, light gray-brown, saturated	
11.0	6	2	0.8	1.0	Same as above - alternating silty sand and peat lenses, wet	weak peat odor
12.0		3				
13.0	7	2	1.4	0.0	Silt some clay little sand (f), gray-brown, fining down, wet	No odors or staining
14.0		1				
15.0	8	1	0.9	0.0	Clay little silt, light gray, saturated	
16.0		0				
17.0	9	0	0.9	0.0	Same as above	
18.0		1				

INTEGREYTED INTERNATIONAL, LLC
TEST BORING LOG
BORING NO.: MW-4B

PROJECT: Preliminary Site Assessment						Sheet 2 of 3
CLIENT: Cooper Industries						
INTEGREYTED PROJECT NO: 0310025P						
DRILLING METHOD: H.S.A		SAMPLER		BIT SIZE	CORE	CASING
DRILLING RIG: CME 45B		2' SS		4 1/4" ID	NA	NA
DRILLER: Jeff Grant		INSPECTOR: Scott Bryant				DATE: 6/9/04
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC.	PID READING (ppm)	SOIL DESCRIPTION	REMARKS
19.0	10	1 3	1.6	0.0	Same as above with some minor lenses of silty sand	No odor or staining
20.0		5 3				
21.0	11	3 2	1.4	0.0	Silt little clay trace sand (f), gray, saturated	
22.0		1 3				
23.0	12	2 2	1.7	0.0	Same as above, slightly coarser	
24.0		2 1				
25.0	13	1 4	0.8	0.0	Sand (f-m) some silt little clay, trace gravel (f), gray, saturated	
26.0		7 3				
27.0	14	5 5	0.4	0.0	Same as above	
28.0		4 7				
29.0	15	9 9	1.2	0.0	Same as above	
30.0		10 4				
31.0	16	3 3	1.1	0.0	Same as above	
32.0		5 0				
33.0	17	0 0	1.4	0.0	Same as above to 33' 33-34' Sand (f-m) little silt trace gravel (f), gray, saturated	
34.0		0 4				
35.0	18	8 8	1.2	0.0	Sand (f-cs) little silt trace gravel (f), gray, saturated	
36.0		10				

INTEGREYTED INTERNATIONAL, LLC
TEST BORING LOG
BORING NO.: MW-4B

PROJECT: Preliminary Site Assessment						Sheet 3 of 3	
CLIENT: Cooper Industries							
INTEGREYTED PROJECT NO: 0310025P							
DRILLING METHOD:		H.S.A	SAMPLER		BIT SIZE	CORE	CASING
DRILLING RIG:		CME 45B	2' SS		4 1/4" ID	NA	NA
DRILLER:		Jeff Grant		INSPECTOR: Scott Bryant			DATE: 6/9/04
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC.	PID READING (ppm)	SOIL DESCRIPTION	REMARKS	
37.0	19	4	1.3	0.0	Same as above to 37.5', more gravel	No odor or staining	
38.0		6			37.5-38' Sand (f-m) some silt little gravel (f-m), hard, damp		
		9					
39.0	20	10	0.1	0.0	Sand (f-m) little silt, little gravel (f-m), brown, damp, hard		
		50/0.2'					
40.0					EOB @ 40'		
41.0					Monitoring well set at 38 '		
42.0					10 ft of 0.01" screen, 28'-38'		
					Sand pack 26'-38'		
43.0					Bentonite seal 24'-26'		
					Concrete 0-24'		
44.0					Monitoring Well MW-4A		
					Monitoring well set at 14 '		
45.0					10 ft of 0.01" screen, 4'-14'		
					Sand pack 3'-14'		
46.0					Bentonite seal 1'-3'		
					Concrete 0-1'		
47.0							
48.0							
49.0							
50.0							
51.0							
52.0							
53.0							
54.0							

INTEGREYTED INTERNATIONAL, LLC
TEST BORING LOG
BORING NO.: MW-9B

PROJECT: Preliminary Site Assessment						Sheet 1 of 4	
CLIENT: Cooper Industries							
INTEGREYTED PROJECT NO: 0310025P							
DRILLING METHOD: H.S.A			SAMPLER		BIT SIZE	CORE	CASING
DRILLING RIG: CME 45B			2' SS		4 1/4" ID	NA	NA
DRILLER: Jeff Grant			INSPECTOR: Scott Bryant				
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC.	PID READING (ppm)	SOIL DESCRIPTION		REMARKS
1.0	1	2 6 8	1.3	0.0	Sand (f-m) trace silt trace gravel (f), black foundry sand and slag, minor organics, damp		Fill Weak peat odor
2.0		14 7					
3.0	2	9 7	1.2	0.0	Same as above		Fill
4.0		6 2					
5.0	3	2 2 2	1.1	0.0	Same as above, wet		Fill
6.0		2			7.0'		WT @ 6'
7.0	4	1 2	1.0	0.0	7-8' Peat and sand (f-m) some silt, organic rich, brown, saturated		No odor or staining
8.0		1 1					
9.0	5	1 1 1	1.3	0.0	Peat as above to 9.7', saturated 9.7-10' Clay and silt trace sand (f), gray, wet, minor organics		
10.0		1					
11.0	6	1 1 2	1.1	0.0	Same as above - alternating silty clay and peat lenses, wet		
12.0		0					
13.0	7	0 5 7	1.5	0.0	13.5-14' Sand (f-m) and silt, gray-brown, wet		13.5'
14.0		7 7					
15.0	8	7 7	1.3	0.0	Silt and sand (f) little clay, gray-brown, wet		
16.0		4 2					
17.0	9	3 5	1.4	0.0	Same as above, slightly coarser and saturated		
18.0		6					

INTEGREYTED INTERNATIONAL, LLC
TEST BORING LOG
BORING NO.: MW-9B

Sheet 2 of 4

PROJECT: Preliminary Site Assessment						Sheet 2 of 4			
CLIENT: Cooper Industries									
INTEGREYTED PROJECT NO: 0310025P									
DRILLING METHOD:		H.S.A		SAMPLER		BIT SIZE	CORE	CASING	
DRILLING RIG:		CME 45B		2' SS		4 1/4" ID	NA	NA	DATE: 6/7/04
DRILLER:		Jeff Grant		INSPECTOR: Scott Bryant					
DEPTH	SAMPLE	BLOWS	REC.	PID	SOIL DESCRIPTION				REMARKS
(N FT.)	NO.	PER		READING					
		6"		(ppm)					
19.0	10	2 3 5	1.4	0.0	Sand (f-m) some silt trace clay, gray-brown, fining downward, saturated				No odor or staining
20.0		3 3							
21.0	11	1	1.2	0.0	Same as above to 21'				
		2			21-22' Silt some clay little sand (f), saturated, gray-brown				
22.0		3 2							
23.0	12	2	1.3	0.0	Silt and clay, gray-brown, soft, saturated				
		2							
24.0		3 3							
25.0	13	4	0.8	0.0	Silt and clay little sand (f), gray-brown, wet to saturated				
		8							
26.0		7 5							
27.0	14	4	1.6	0.0	Silt and clay, gray-brown, soft, saturated				
		3							
28.0		3 1							
29.0	15	2	1.3	0.0	Same as above				
		1							
30.0		2 0							
31.0	16	0	1.2	0.0	Clay some silt, gray-brown, wet, uniform				
		0							
32.0		0 1							
33.0	17	1	1.4	0.0	Clay little silt, gray-brown, wet, uniform				
		1							
34.0		1 0							
35.0	18	0	1.6	0.0	Same as above				
		0							
36.0		1							

INTEGREYTED INTERNATIONAL, LLC
TEST BORING LOG
BORING NO.: MW-9B

Sheet 3 of 4

PROJECT: Preliminary Site Assessment						Sheet 3 of 4			
CLIENT: Cooper Industries									
INTEGREYTED PROJECT NO: 0310025P									
DRILLING METHOD:		H.S.A		SAMPLER		BIT SIZE	CORE	CASING	
DRILLING RIG:		CME 45B		2' SS		4 1/4" ID	NA	NA	DATE: 6/7/04
DRILLER:		Jeff Grant		INSPECTOR: Scott Bryant					
DEPTH	SAMPLE	BLOWS	REC.	PID	SOIL DESCRIPTION				REMARKS
IN FT.	NO.	PER		READING					
		6"		(ppm)					
37.0	19	0	1.5	0.0	Same as above, damp				No odor or staining
		0							
38.0		1							
		0							
39.0	20	0	1.8	0.0	Clay trace silt, gray, damp, uniform				
		3							
40.0		2							
		2							
41.0	21	2	1.7	0.0	Same as above				
		3							
42.0		3							
		3							
43.0	22	3	1.8	0.0	Same as above, more silt at bottom				
		4							
44.0		4							
		2							
45.0	23	3	1.7	0.0	Same as above				
		3							
46.0		4							
		4							
47.0	24	7	1.4	0.0	Same to 47.5'				
		10			47.5-48' Silt little clay, gray-brown, wet				
48.0		11							
		0							
49.0	25	0	1.0	0.0	Silt little clay, gray-brown, saturated, uniform				
		0							
50.0		0							
		0							
51.0	26	0	0.5	0.0	Same as above				
		0							
52.0		0							
		0							
53.0	27	3	0.6	0.0	Same as above				
		3							
54.0		3							

INTEGREYTED INTERNATIONAL, LLC
TEST BORING LOG
BORING NO.: MW-9B

PROJECT: Preliminary Site Assessment						Sheet 4 of 4			
CLIENT: Cooper Industries									
INTEGREYTED PROJECT NO: 0310025P									
DRILLING METHOD:		H.S.A		SAMPLER		BIT SIZE	CORE	CASING	
DRILLING RIG:		CME 45B		2' SS		4 1/4" ID	NA	NA	DATE: 6/7/04
DRILLER:		Jeff Grant		INSPECTOR: Scott Bryant					
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC.	PID READING (ppm)	SOIL DESCRIPTION				REMARKS
55.0	28	4 3	0.7	0.0	Silt little sand (f) trace clay, gray-brown, saturated				No odor or staining
56.0		4 8							
57.0	29	6 7	1.2	0.0	Sand (f-cs) trace silt trace gravel (f), gray-brown, saturated				57.0'
58.0		10 9							
59.0	30	6 12	1.1	0.0	Same as above, slightly coarser (more gravel, less silt)				
60.0		13 14							
61.0	31	18 14	0.4	0.0	Sand (f-cs) trace gravel (f), gray-brown, wet				
62.0		9 11							
63.0	32	18 8	0.7	0.0	Same as above				
64.0		8 11							
65.0	33	12 9	1.0	0.0	Sand (f-cs) trace silt, gray-brown, wet				
66.0		11 8							
67.0	34	9 10	0.8	0.0	Same as above				
68.0		12 11							68.0'
69.0									
70.0					Monitoring well set at 68', 10 ft of 0.01" screen, 58'-68'				
71.0					Sand pack 56'-68', Bentonite seal 54'-56', Concrete 0-54'				
72.0					Monitoring Well MW-9A				
					Monitoring well set at 14 ', 10 ft of 0.01" screen, 4'-14'				
					Sand pack 3'-14', Bentonite seal 1'-3', Concrete 0-1'				

INTEGREYTED INTERNATIONAL, LLC
TEST BORING LOG
BORING NO.: MW-10

PROJECT: Preliminary Site Assessment						Sheet 1 of 1			
CLIENT: Cooper Industries									
INTEGREYTED PROJECT NO: 0310025P									
DRILLING METHOD:		H.S.A		SAMPLER		BIT SIZE	CORE	CASING	
DRILLING RIG:		CME 45B		2' SS		4 1/4" ID	NA	NA	DATE: 6/9/04
DRILLER:		Jeff Grant		INSPECTOR: Scott Bryant					
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC.	PID READING (ppm)	SOIL DESCRIPTION				REMARKS
1.0	1	5 11 50/0.3	0.9	0.0	Sand (f-m) some silt little clay, damp to moist, organics, dark brown				
2.0		- 10							
3.0	2	7 4	0.4	2.0	Sand (f-m) little silt, brown to black, moist, foundry sand				Fill weak peat odor WT @ 4'
4.0		3 2			5.0'				
5.0	3	2 1	0.1	5.0	Peat and sand (f-m) little silt, saturated, black				weak peat odor
6.0		2 1							
7.0	4	2 1	0.4	5.0	Same as above				weak peat odor
8.0		1 2							
9.0	5	1 1	0.5	0.0	Peat some sand (f-m) little silt, saturated, brown				No odors or staining
10.0		2 1			11.0'				
11.0	6	1 1	1.0	0.0	Sand (f) and silt little clay, brown, organic rich, saturated				No odors or staining
12.0		1 0							
13.0	7	1 1	1.7	0.0	Same as above, fining down				No odors or staining
14.0		1			14.0'				
15.0					EOB @ 14'				
16.0					Monitoring well set at 14 ' 10 ft of 0.01" screen, 4'-14'				
17.0					Sand pack 3'-14'				
18.0					Bentonite seal 1'-3' Concrete 0-1'				

INTEGREYTED INTERNATIONAL, LLC
TEST BORING LOG
BORING NO.: MW-11B

PROJECT: Preliminary Site Assessment						Sheet 1 of 2		
CLIENT: Cooper Industries								
INTEGREYTED PROJECT NO: 0310025P								
DRILLING METHOD:		H.S.A		SAMPLER		BIT SIZE	CORE	CASING
DRILLING RIG:		CME 45B		2' SS		4 1/4" ID	NA	NA
DRILLER:		Jeff Grant		INSPECTOR: Scott Bryant				
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC.	PID READING (ppm)	SOIL DESCRIPTION			REMARKS
1.0	1	4	1.0	1.0	Sand (f-m) little silt, black foundry sand and slag, organics, moist			Fill
2.0		6						Obvious peat odor
		6						WT @ 3'
		10						Fill
3.0	2	50/0.2'	0.2	5.0	Same as above, wet			peat odor
4.0		-						
		-						
		6						
5.0	3	7	0.4	80.0	Same as above			peat odor
		4						
6.0		3						
		3						
7.0	4	3	0.3	60.0	Same as above			peat odor
		4						
8.0		2						
		3						
9.0	5	1	1.3	5.0	Sand (f-m and silt, black, wet, peat at bottom			peat odor
		1						
10.0		1						
		1			11.0'			
11.0	6	2	1.0	2.0	Peat, light to dark brown, wet			weak peat odor
		1						
12.0		2						
		2						
13.0	7	1	1.0	0.0	Same as above			No odors or staining
		1						
14.0		1						
		2						
15.0	8	1	0.0	0.0	No recovery - drove rock			
		2						
16.0		2						
		2						
		1			17.0'			
17.0	9	2	1.2	0.0	17-18' Sand (f-m) some silt trace clay, gray, saturated			
		2						
18.0		2						

INTEGREYTED INTERNATIONAL, LLC
TEST BORING LOG
BORING NO.: MW-11B

Sheet 2 of 2

PROJECT: Preliminary Site Assessment						Sheet 2 of 2							
CLIENT: Cooper Industries													
INTEGREYTED PROJECT NO: 0310025P													
DRILLING METHOD:		H.S.A		SAMPLER		BIT SIZE		CORE		CASING			
DRILLING RIG:		CME 45B		2' SS		4 1/4" ID		NA		NA		DATE: 6/10/04	
DRILLER:		Jeff Grant		INSPECTOR: Scott Bryant									
DEPTH	SAMPLE	BLOWS	REC.	PID	SOIL DESCRIPTION						REMARKS		
IN FT.	NO.	PER		READING									
		6"		(ppm)									
19.0	10	0	0.2	0.0	Silt and clay trace sand (f), gray, saturated						No odor or staining		
20.0		0											
		0											
21.0	11	1	1.2	0.0	Sand (f-m) little silt, uniform, wet, gray-brown						21.0'		
22.0		3											
		4											
23.0	12	6	1.8	0.0	Same as above, more silt at bottom, saturated								
24.0		6											
		5											
25.0	13	6	1.6	0.0	Sand (f-m) little silt, uniform, gray-brown, saturated								
26.0		7											
		8											
27.0	14	7	1.7	0.0	Same as above								
28.0		9											
		10											
		13			Same as above to 29.5'								
29.0	15	5	1.1	0.0	29.5-30' Sand (f-m) some silt trace gravel (f-m), hard, gray-brown, wet								
30.0		6											
		10											
31.0	16	20	0.9	0.0	Sand (f-m) little silt little gravel (f-cs), brown, wet, hard						33.0'		
32.0		22											
		27											
33.0	17	31											
					EOB @ 33'								
34.0					Monitoring well set at 32 ', 10 ft of 0.01" screen, 22'-32'						Monitoring Well MW-11A Monitoring well set at 14 ', 10 ft of 0.01" screen, 4'-14' Sand pack 3'-14', Bentonite seal 1'-3', Concrete 0-1'		
					Sand pack 20'-32', Bentonite seal 18'-20', Concrete 0-18'								
35.0	18												
36.0													

INTEGREYTED INTERNATIONAL, LLC

TEST PIT LOG

BORING NO.: TP-1

Sheet 1 of 1

PROJECT: Crouse-Hinds					Sheet 1 of 1			
CLIENT: Cooper Industries, Inc.								
INTEGREYTED PROJECT NO: 0310025P								
EXCAVATION METHOD: Backhoe								
					DATE: 6-7-04			
CONTRACTOR: PEC					INSPECTOR: Mark J Schumacher			
DEPTH IN FT.				PID (ppm)	SOIL DESCRIPTION	REMARKS		
				2	Black, Fill (foundry sand, brick, tr. Wood, slag, metal debris), oily odor	Sample TP-1 1' - 11'		
1.0								
2.0								
3.0								
4.0								
5.0								
				2			wet	
6.0								
7.0								
8.0								
9.0								
10.0								
11.0								
12.0								
				0	Peat			
13.0								
14.0								
15.0								
16.0								
17.0								
18.0								

INTEGREYTED INTERNATIONAL, LLC
TEST PIT LOG
BORING NO.: TP-2

PROJECT: Crouse-Hinds					Sheet 1 of 1
CLIENT: Cooper Industries, Inc.					
INTEGREYTED PROJECT NO: 0310025P					
EXCAVATION METHOD: Backhoe					
					DATE: 6-7-04
CONTRACTOR: PEC					INSPECTOR: Mark J Schumacher
DEPTH IN FT.				PID (ppm)	REMARKS
				5	Black, Fill (foundry sand, tr. wood, slag, metal debris), oily odor
1.0					Sample TP-2 1' - 8'
2.0					
3.0					
4.0					
5.0					
				5	
6.0					
7.0					
8.0					
9.0				0	Peat
					End Excavation 9.0'
10.0					
11.0					
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					

INTEGREYTED INTERNATIONAL, LLC

TEST PIT LOG BORING NO.: TP-3

Sheet 1 of 1

PROJECT: Crouse-Hinds					Sheet 1 of 1			
CLIENT: Cooper Industries, Inc.								
INTEGREYTED PROJECT NO: 0310025P								
EXCAVATION METHOD: Backhoe								
					DATE: 6-7-04			
CONTRACTOR: PEC					INSPECTOR: Mark J Schumacher			
DEPTH IN FT.				PID (ppm)	SOIL DESCRIPTION	REMARKS		
				3	Black, Fill (foundry sand, tr. wood, tr. core butts, metal debris), oily odor	Sample TP-3 1' -9.5'		
1.0								
2.0								
3.0								
4.0								
5.0								
6.0								
				1			wet	
7.0								
8.0								
9.0								
					9.5'			
10.0				0	Peat			
					End Excavation 10.0'			
11.0								
12.0								
13.0								
14.0								
15.0								
16.0								
17.0								
18.0								

INTEGREYTED INTERNATIONAL, LLC

TEST PIT LOG BORING NO.: TP-4

Sheet 1 of 1

PROJECT: Crouse-Hinds					Sheet 1 of 1	
CLIENT: Cooper Industries, Inc.						
INTEGREYTED PROJECT NO: 0310025P						
EXCAVATION METHOD: Backhoe						
					DATE: 6-8-04	
CONTRACTOR: PEC					INSPECTOR: Mark J Schumacher	
DEPTH IN FT.				PID (ppm)	SOIL DESCRIPTION	REMARKS
				23	Black, Fill (foundry sand, tr. wood, , tr. core butts, metal debris), oily odors, moist	Sample TP-4 1' -8.0'
1.0						
2.0				237	petroleum odors	
3.0					wet, sheen on water surface	
4.0				123	two 55-gallon drums, empty	
5.0				98		
6.0						
7.0						
8.0				15		
9.0					9.0'	
				0	Peat	
10.0					End Excavation 10.0'	
11.0						
12.0						
13.0						
14.0						
15.0						
16.0						
17.0						
18.0						

INTEGREYTED INTERNATIONAL, LLC

TEST PIT LOG BORING NO.: TP-5

Sheet 1 of 1

PROJECT: Crouse-Hinds					Sheet 1 of 1	
CLIENT: Cooper Industries, Inc.						
INTEGREYTED PROJECT NO: 0310025P						
EXCAVATION METHOD: Backhoe						
					DATE: 6-8-04	
CONTRACTOR: PEC					INSPECTOR: Mark J Schumacher	
DEPTH IN FT.				PID (ppm)	SOIL DESCRIPTION	REMARKS
				4	Black, Fill (foundry sand, tr. wood, , tr. core butts, metal debris), oily odors, moist	Sample TP-5 and TP-5-WC 1' -15.0'
1.0						
2.0						
3.0						
4.0				10		
5.0						
6.0						
7.0						
8.0				15		
9.0						
10.0					wet, sheen on water surface	
11.0						
12.0						
13.0						
14.0						
15.0				1	End Excavation 15.0'	
16.0						
17.0						
18.0						

TEST PIT LOG
BORING NO.: TP-6

PROJECT: Crouse-Hinds					Sheet 1 of 1	
CLIENT: Cooper Industries, Inc.						
INTEGRITYTESTED PROJECT NO: 0310025P						
EXCAVATION METHOD: Backhoe						
					DATE: 6-7-04	
CONTRACTOR: PEC					INSPECTOR: Mark J Schumacher	
DEPTH IN FT.				PID (ppm)	SOIL DESCRIPTION	REMARKS
				5	Black, Fill (foundry sand, tr. wood, , tr. core butts, metal debris), oily odors, moist	Sample TP-6 and TP-6-WC 0' -11.5'
1.0						
2.0				16		
3.0						
4.0						
5.0				15		
6.0						
7.0						
8.0						
				4		
9.0						
10.0					wet, oil sheen on water surface	
					10.5'	
11.0				0	Gray, Med. Sand and F. - Co. Gravel, some cobbles, wet	
					11.5'	
12.0					End Excavation 11.5'	
13.0						
14.0						
15.0						
16.0						
17.0						
18.0						

INTEGREYTED INTERNATIONAL, LLC

TEST PIT LOG BORING NO.: TP-7

Sheet 1 of 1

PROJECT: Crouse-Hinds					Sheet 1 of 1	
CLIENT: Cooper Industries, Inc.						
INTEGREYTED PROJECT NO: 0310025P						
EXCAVATION METHOD: Backhoe						
					DATE: 6-7-04	
CONTRACTOR: PEC					INSPECTOR: Mark J Schumacher	
DEPTH IN FT.				PID (ppm)	SOIL DESCRIPTION	REMARKS
				5	Black, Fill (foundry sand, tr. wood, , tr. core butts, tr. brick, metal debris), oily odors, moist	Sample TP-7 and TP-7-WC 0' -13.0'
1.0						
2.0						
				10		
3.0						
4.0						
5.0						
6.0						
7.0						
8.0						
				4		
9.0						
10.0						
11.0						
12.0						
13.0						
				0		
14.0						
15.0						
16.0						
17.0						
18.0						

Gry, Med. Sand and F. - Co. Gravel, wet
End Excavation 13.5'

13.0'

INTEGREYTED INTERNATIONAL, LLC

TEST PIT LOG

BORING NO.: TP-8

Sheet 1 of 1

PROJECT: Crouse-Hinds					Sheet 1 of 1	
CLIENT: Cooper Industries, Inc.						
INTEGREYTED PROJECT NO: 0310025P						
EXCAVATION METHOD: Backhoe						
					DATE: 6-7-04	
CONTRACTOR: PEC					INSPECTOR: Mark J Schumacher	
DEPTH IN FT.				PID (ppm)	SOIL DESCRIPTION	REMARKS
				1	Black, Fill (foundry sand, tr. wood, metal debris),	Sample TP-8 and TP-8-WC 0' -3.0'
1.0						
2.0						
3.0					3.0'	
				0	Red-Brown, Clay, hard, dry	
4.0						
5.0						
6.0					6.0'	
					End Excavation 6.0'	
7.0						
8.0						
9.0						
10.0						
11.0						
12.0						
13.0						
14.0						
15.0						
16.0						
17.0						
18.0						

INTEGREYTED INTERNATIONAL, LLC

TEST PIT LOG BORING NO.: TP-9

Sheet 1 of 1

PROJECT: Crouse-Hinds					Sheet 1 of 1	
CLIENT: Cooper Industries, Inc.						
INTEGREYTED PROJECT NO: 0310025P						
EXCAVATION METHOD: Backhoe						
					DATE: 6-7-04	
CONTRACTOR: PEC					INSPECTOR: Mark J Schumacher	
DEPTH IN FT.				PID (ppm)	SOIL DESCRIPTION	REMARKS
				5	Black, Fill (foundry sand, tr. wood, , tr. core butts, metal debris), oily odors, moist	Sample TP-9 0' -15'
1.0						
2.0						
3.0						
4.0						
5.0						
6.0						
7.0						
8.0						
9.0						
10.0						
11.0						
12.0						
13.0						
14.0						
15.0						
16.0						
17.0						
18.0						
					wet, sheen on water surface	
					End Excavation 15.0'	

INTEGREYTED INTERNATIONAL, LLC
TEST PIT LOG
BORING NO.: TP-10

Sheet 1 of 1

PROJECT: Crouse-Hinds					Sheet 1 of 1	
CLIENT: Cooper Industries, Inc.						
INTEGREYTED PROJECT NO: 0310025P						
EXCAVATION METHOD: Backhoe						
					DATE: 6-7-04	
CONTRACTOR: PEC					INSPECTOR: Mark J Schumacher	
DEPTH IN FT.				PID (ppm)	SOIL DESCRIPTION	REMARKS
				4	Black, Fill (foundry sand, tr. wood, , tr. core butts, metal debris), oily odors, moist	Sample TP-10 and TP-10-WC 0' -15.0'
1.0						
2.0						
3.0						
				10		
4.0						
5.0						
6.0						
7.0						
				15		
8.0						
9.0						
10.0						
11.0						
12.0						
13.0						
14.0						
15.0				1		
					End Excavation 15.0'	
16.0						
17.0						
18.0						

INTEGREYTED INTERNATIONAL, LLC

TEST PIT LOG

BORING NO.: TP-11

Sheet 1 of 1

PROJECT: Crouse-Hinds					Sheet 1 of 1	
CLIENT: Cooper Industries, Inc.						
INTEGREYTED PROJECT NO: 0310025P						
EXCAVATION METHOD: Backhoe						
CONTRACTOR: PEC					INSPECTOR: Mark J Schumacher	
					DATE: 6-7-04	
DEPTH IN FT.				PID (ppm)	SOIL DESCRIPTION	REMARKS
				2	Black, Fill (foundry sand, tr. wood, , tr. core butts, metal debris), oily odors, moist	Sample TP-11 0' -14.5'
1.0						
2.0						
3.0						
4.0				7		
5.0						
6.0						
7.0						
8.0				5		
9.0						
10.0						
11.0						
12.0						
13.0						
14.0						
15.0				0	Peat, wet	
16.0					End Excavation 15.0'	
17.0						
18.0						

INTEGREYTED INTERNATIONAL, LLC

TEST PIT LOG

BORING NO.: TP-12

PROJECT: Crouse-Hinds					Sheet 1 of 1
CLIENT: Cooper Industries, Inc.					
INTEGREYTED PROJECT NO: 0310025P					
EXCAVATION METHOD: Backhoe					
					DATE: 6-8-04
CONTRACTOR: PEC			INSPECTOR: Mark J Schumacher		
DEPTH IN FT.				PID (ppm)	
					SOIL DESCRIPTION
					REMARKS
1.0				10	Black, Fill (foundry sand, tr. wood, , tr. core butts, metal debris), oily odors, moist Sample TP-12 1' -11.0'
2.0				17	
3.0					
4.0					
				17	
5.0					
6.0					
7.0					
8.0					
9.0					
10.0					10.5'
11.0				0	Peat
					End Excavation 11.5'
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					

INTEGREYTED INTERNATIONAL, LLC

TEST PIT LOG BORING NO.: TP-13

Sheet 1 of 1

PROJECT: Crouse-Hinds					Sheet 1 of 1	
CLIENT: Cooper Industries, Inc.						
INTEGREYTED PROJECT NO: 0310025P						
EXCAVATION METHOD: Backhoe						
					DATE: 6-8-04	
CONTRACTOR: PEC					INSPECTOR: Mark J Schumacher	
DEPTH IN FT.				PID (ppm)	SOIL DESCRIPTION	REMARKS
				0	Tan, F. Sand and Fill (household refuse, glass, metal cans, paper ,plastic), tr. Core butts, metal debris, dry	Sample TP-13 and TP-13-WC 1' -12.0'
1.0						
2.0						
3.0				2		
4.0						
5.0				0		
6.0						
7.0						
8.0				0		
9.0						
10.0						
11.0						
12.0				0		
13.0						
14.0						
15.0						
16.0						
17.0						
18.0						

wet

End Excavation 13.0'

INTEGREYTED INTERNATIONAL, LLC

TEST PIT LOG BORING NO.: TP-14

Sheet 1 of 1

PROJECT: Crouse-Hinds					Sheet 1 of 1	
CLIENT: Cooper Industries, Inc.						
INTEGREYTED PROJECT NO: 0310025P						
EXCAVATION METHOD: Backhoe						
					DATE: 6-8-04	
CONTRACTOR: PEC					INSPECTOR: Mark J Schumacher	
DEPTH IN FT.				PID (ppm)	SOIL DESCRIPTION	REMARKS
				1	Fill (household refuse, glass, metal cans, paper, plastic), dry	Sample TP-14 and TP-14-WC 1' -7.0'
1.0						
2.0						
3.0				3		
4.0						
5.0				1		
6.0						
7.0						
8.0				0		
					Peat	
9.0					End Excavation 8.5'	
10.0						
11.0						
12.0						
13.0						
14.0						
15.0						
16.0						
17.0						
18.0						

INTEGREYTED INTERNATIONAL, LLC

TEST PIT LOG

BORING NO.: TP-15

Sheet 1 of 1

PROJECT: Crouse-Hinds					Sheet 1 of 1	
CLIENT: Cooper Industries, Inc.						
INTEGREYTED PROJECT NO: 0310025P						
EXCAVATION METHOD: Backhoe						
CONTRACTOR: PEC					INSPECTOR: Mark J Schumacher	
					DATE: 6-8-04	
DEPTH IN FT.				PID (ppm)	SOIL DESCRIPTION	REMARKS
				1	Fill (household refuse, glass, metal cans, paper, plastic), dry	Sample TP-14 1' -9.0'
1.0						
2.0						
3.0				2		
4.0						
5.0				3		
6.0						
7.0						
8.0				0		
9.0						
				0	Peat	
10.0					End Excavation 9.5'	
11.0						
12.0						
13.0						
14.0						
15.0						
16.0						
17.0						
18.0						

INTEGREYTED INTERNATIONAL, LLC

TEST PIT LOG BORING NO.: TP-16

Sheet 1 of 1

PROJECT: Crouse-Hinds					Sheet 1 of 1	
CLIENT: Cooper Industries, Inc.						
INTEGREYTED PROJECT NO: 0310025P						
EXCAVATION METHOD: Backhoe						
					DATE: 6-8-04	
CONTRACTOR: PEC					INSPECTOR: Mark J Schumacher	
DEPTH IN FT.				PID (ppm)	SOIL DESCRIPTION	REMARKS
				7	Black, Fill (foundry sand, tr. wood, , tr. core butts, metal debris), oily odors, moist	Sample TP-16 and TP-16-WC 1' -15.0'
1.0						
2.0				9		
3.0						
4.0						
				5		
5.0						
6.0						
7.0						
8.0				7		
9.0						
10.0						
11.0						
12.0						
13.0						
14.0						
15.0						
16.0						
17.0						
18.0						

wet, sheen on surface water

INTEGREYTED INTERNATIONAL, LLC

TEST PIT LOG BORING NO.: TP-17

Sheet 1 of 1

PROJECT: Crouse-Hinds					Sheet 1 of 1	
CLIENT: Cooper Industries, Inc.						
INTEGREYTED PROJECT NO: 0310025P						
EXCAVATION METHOD: Backhoe						
					DATE: 6-8-04	
CONTRACTOR: PEC					INSPECTOR: Mark J Schumacher	
DEPTH IN FT.				PID (ppm)	SOIL DESCRIPTION	REMARKS
				0	Fill (household refuse, glass, metal cans, paper, plastic), dry some peat	Sample TP-17 and TP-7-WC 1' -11.0'
1.0						
2.0						
3.0						
4.0						
5.0				0		
6.0						
7.0						
8.0				0		
9.0						
10.0						
11.0					11.0'	
				0	Peat	
12.0					End Excavation 11.5'	
13.0						
14.0						
15.0						
16.0						
17.0						
18.0						

INTEGREYTED INTERNATIONAL, LLC
TEST PIT LOG
BORING NO.: TP-18

PROJECT: Crouse-Hinds					Sheet 1 of 1	
CLIENT: Cooper Industries, Inc.						
INTEGREYTED PROJECT NO: 0310025P						
EXCAVATION METHOD: Backhoe						
CONTRACTOR: PEC					INSPECTOR: Mark J Schumacher	
					DATE: 6-8-04	
DEPTH IN FT.				PID (ppm)	SOIL DESCRIPTION	REMARKS
				0	Fill (household refuse, glass, metal cans, paper, plastic), dry	Sample TP-18 1' -10.0'
1.0						
2.0						
3.0				0		
4.0						
5.0				0		
6.0						
7.0						
8.0				0		
9.0						
10.0						
				0	Peat	
11.0					End Excavation 10.5'	
12.0						
13.0						
14.0						
15.0						
16.0						
17.0						
18.0						

INTEGREYTED INTERNATIONAL, LLC

TEST PIT LOG BORING NO.: TP-19

PROJECT: Crouse-Hinds					Sheet 1 of 1
CLIENT: Cooper Industries, Inc.					
INTEGREYTED PROJECT NO: 0310025P					
EXCAVATION METHOD: Backhoe					
					DATE: 6-8-04
CONTRACTOR: PEC					INSPECTOR: Mark J Schumacher
DEPTH IN FT.				PID (ppm)	
					SOIL DESCRIPTION
					REMARKS
				0	Brown, Silt and Clay with some Fill (household refuse, glass metal cans, paper, plastic), dry Sample TP-19 1' -8.0'
1.0					
2.0					
3.0					
4.0					
5.0				0	
6.0					
7.0					
8.0				0	
9.0					
10.0					
11.0					
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					
					End Excavation 8.0'

ATTACHMENT 4

FISH AND WILDLIFE IMPACT ASSESSMENT



.....

Cooper Crouse-Hinds Landfill

Vegetation and Wildlife Study

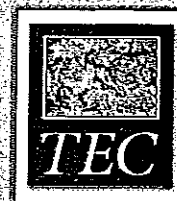
August 2004

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315-637-3701



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Section D - Fish and Wildlife Regulatory Criteria	14
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Appendices

- Appendix A - Agency Information
- Appendix B - Natural Resources Maps
- Appendix C - Vegetation and Wildlife Species Lists



Introduction

The Environmental Collaborative (TEC) was contracted by InteGreyted International, LLC, on behalf of Cooper Crouse-Hinds, to undertake a study to evaluate the existing ecological conditions of two inactive landfills owned by Cooper Crouse-Hinds. This study provides information specified in the following sections of Step 1 (Site Description) of the New York State Department of Environmental Conservation (NYS-DEC) *Fish and Wildlife Impact Analysis for Inactive Hazardous Waste Sites (FWIA)*.

The sections of Step 1 are as follows:

- Section A - Site Maps
- Section B - Description of Fish and Wildlife Resources
- Section C - Description of Fish and Wildlife Resource Value

- Section D - Identification of Applicable Fish and Wildlife Regulatory Criteria

Contamination can affect on-site and off-site resources. This happens mostly through surficial and groundwater flow. This study concentrates on surface impact due to potential leakage of contaminants from the source. This would be evidenced by stressed vegetation over and around the area of contamination, visual evidence of contaminants (i.e., discoloration of soil and water), disfigured wildlife species, and/or lack of certain species that should be present, particularly in water bodies.

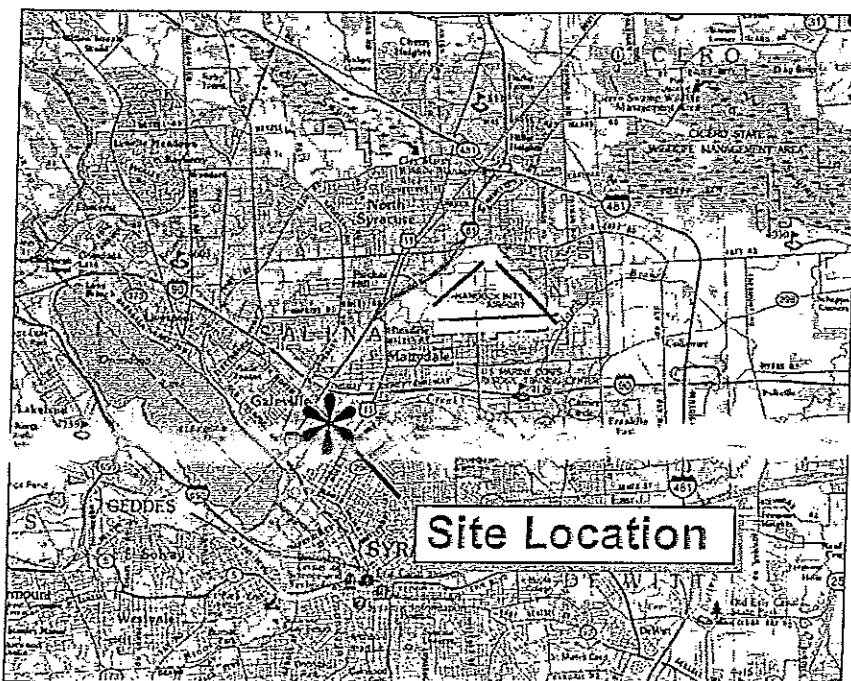


Figure 1. Location of the site in the Town of Salina and the City of Syracuse, Onondaga County, NY.

Site Description

The subject site is located northwest of the operating Crouse-Hinds Company manufacturing facility, which is located at the intersection of Wolf and Seventh North Streets (Latitude: 043° 23' 28" N, Longitude: 076° 10' 15" W), in the Town of Salina and the City of Syracuse, Onondaga County, New York (Figure 1). The subject site (hereinafter the "site") consists of two adjacent inactive landfills (referred to as the North Landfill and South Landfill - Figure 2). According to available information, the North Landfill is approximately 21 acres in area and the

South Landfill is approximately 15 acres in area. Site and surrounding topography is generally flat to gently sloping. Figures 1 and 2 are site location maps and Figures 3 and 4 on page 3 show the site plans of the North Landfill and South Landfills, respectively.

The North Landfill is located in the Town of Salina and the South Landfill is located in the City of Syracuse. The site is located in an area of mixed usage including light industrial/manufacturing, commercial, and residential. Seventh North Street is oriented east-west and separates the two landfills that comprise the site. Undeveloped woods and wetlands border the site to the north. Railroad tracks followed by the Crouse-Hinds facility, Wolf Street, and residential development border the site to the east. Undeveloped woods, wetlands, and mixed commercial development border the site to the south. Wetlands followed by Ley Creek, mixed commercial development, the Ley Creek waste transfer station, and I-81 are present to the west of the site. The northwest boundary of the North Landfill is separated from Ley Creek by property reportedly owned by Plaza East, LLC. The northwest boundary of the South Landfill is adjacent to Ley Creek.

Background

While in operation, the North Landfill facility reportedly accepted an unknown quantity of solid industrial waste (i.e., foundry sand) from the Crouse-Hinds facility from mid-1950 through 1972. From 1972 through the early 1980s, this landfill was used for disposing approximately 85 cubic yards per day of non-purrescible solid wastes including foundry sand, floor sweepings, metal buffing and polishing residue, scrap lumber, plastic wastes, and paint scrapings that were generated at the Crouse-Hinds facility. Zinc hydroxide sludge was also re-

portedly deposited in this landfill between 1972 and 1980. Between 1980 and 1983, approximately 40 cubic yards per day of industrial waste, including foundry sand and core butts were disposed of in the landfill from the Crouse-Hinds facility. In April of 1981, Crouse-Hinds applied for a Part 360 permit to operate a non-hazardous landfill. On 10 March 1982, Crouse-Hinds withdrew the application. The North Landfill has been inactive since the mid-1980s.

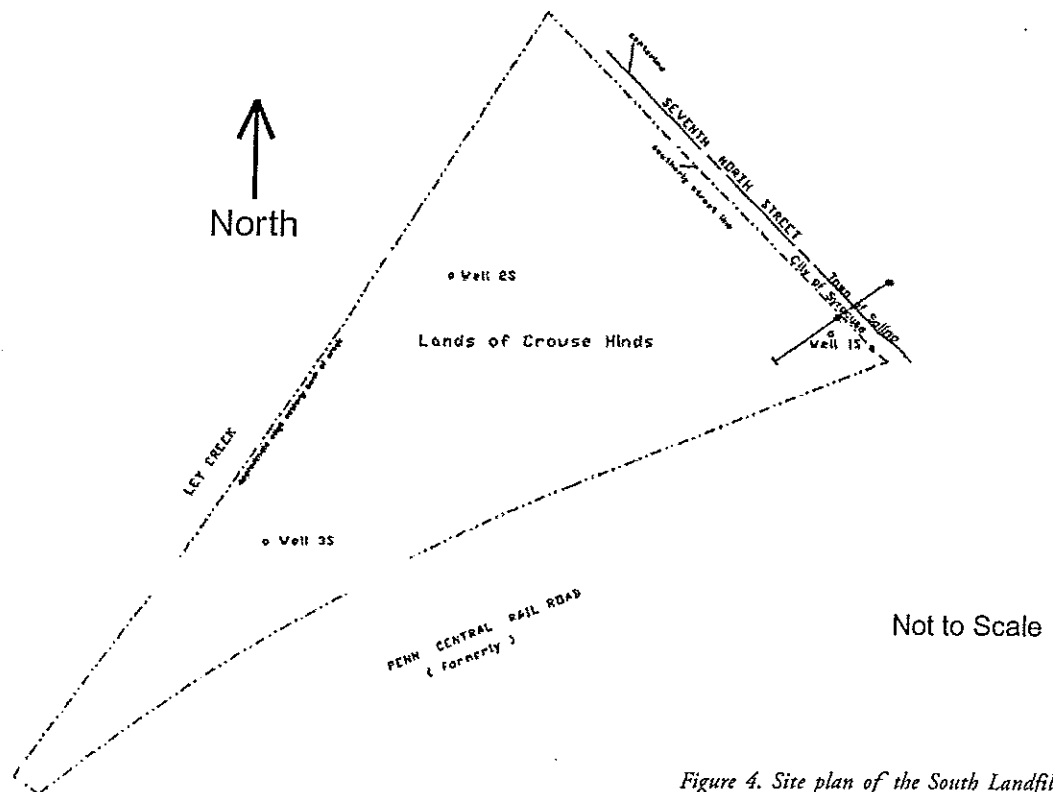
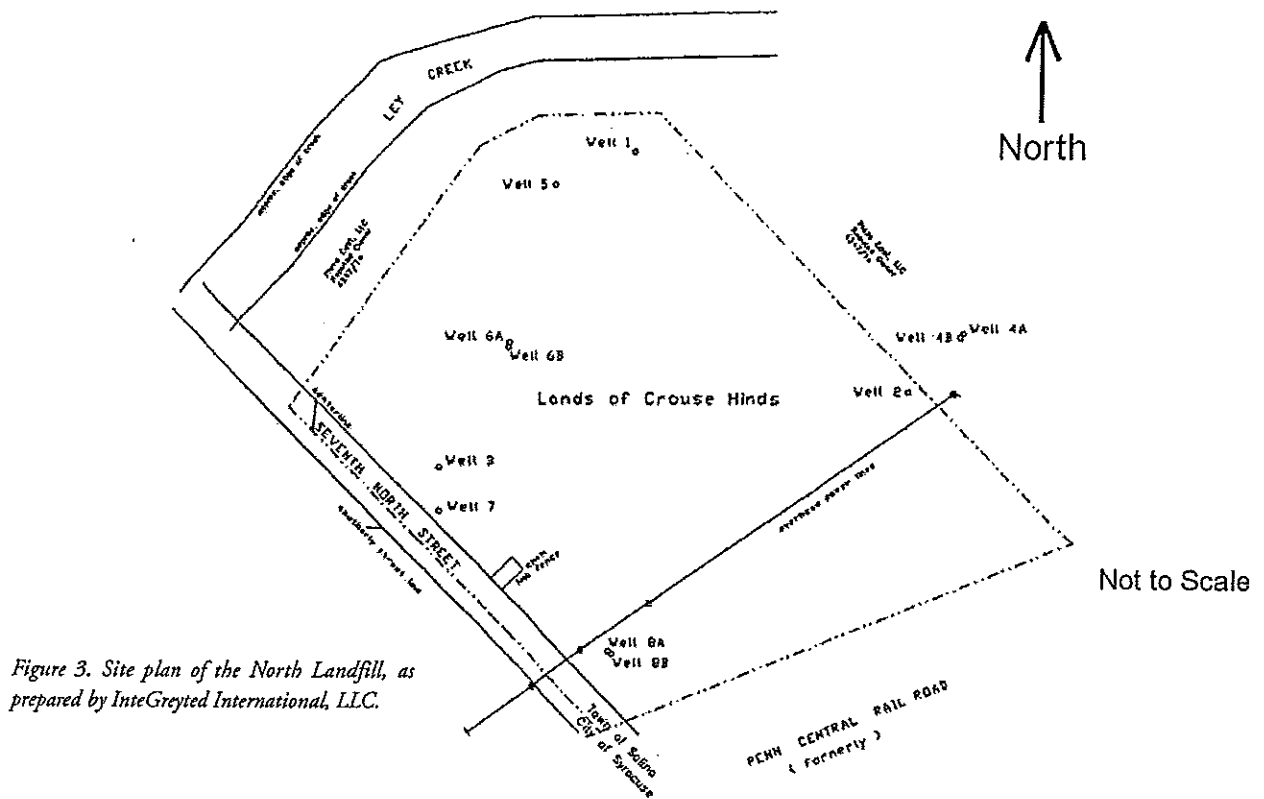
The South Landfill reportedly accepted a combination of municipal solid waste from the City of Syracuse and industrial waste from the Crouse-Hinds facility consisting of foundry mold and core sand, scrap steel drums and shot, fly ash, paint scrapings, garbage, and construction/demolition debris. Mate-

rial placement in this landfill reportedly occurred between 1960 and 1969. Approximately 2,000 cubic yards per week of municipal solid waste from the City of Syracuse was reportedly accepted at the landfill between 1961 and 1964. The landfill has been inactive since 1969.

As part of the PSA, a number of studies were conducted, one of which was to evaluate the existing ecological conditions of the site. As put forth in the FWIA, this particular investigation was intended to: (1) identify the fish and wildlife resources that presently exist and that existed before contaminant introduction, and (2) provide information necessary for the design of a remedial investigation. As part of the above effort, vegetation cover types and plant species were also identified.



Figure 2. North Landfill and South Landfill shown on the NYSDOT 7.5-minute topographic map (Syracuse West quadrangle).





Section A

To assess the impact of contamination on vegetation and wildlife resources, it was important to conduct a vegetation and wildlife field survey and then to develop maps showing the locations of any known rare species and/or unique natural features or community types, as well as water features, on or adjacent to the site, and to compile a comprehensive plant and wildlife species inventory for the site.

Site Maps

The vegetation and wildlife inventory was conducted on 21 June 2004. However, prior to conducting this survey, published data sources were reviewed and then used for preparing the natural resources maps. These sources of information included the New York Natural Heritage Program Significant Habitat and Element Occurrence Records (Appendix A), U.S. Fish and Wildlife Service rare species data (Appendix A), New York State Bird Atlas data (Appendix A), New York State Herpetology Atlas data (Appendix A), U.S. Fish and Wildlife Service data (Appendix A), 6NYCRR freshwater wetland and stream classification maps, NYSDEC fisheries data; Environmental Data Resources, Inc. (EDR) Historical Topographic Map Report, EDR Aerial Photo Decade

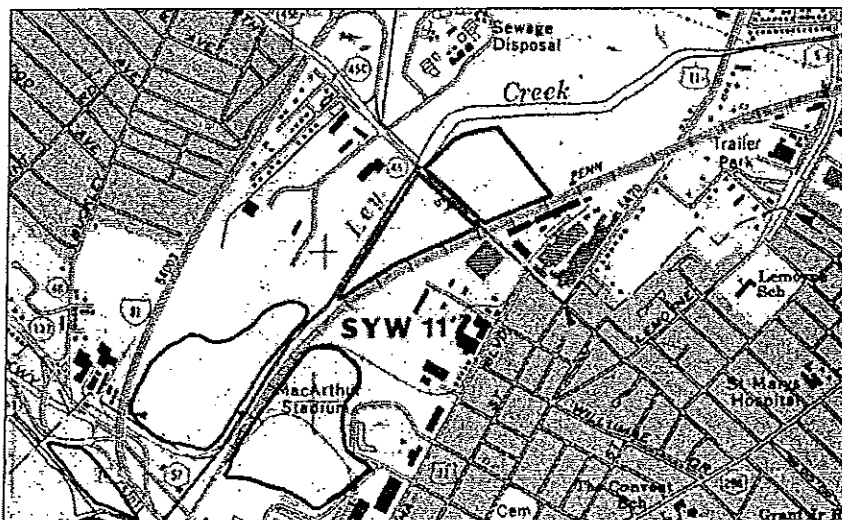


Figure 5. North Landfill and South Landfill shown on the NYSDEC Freshwater Wetland map.

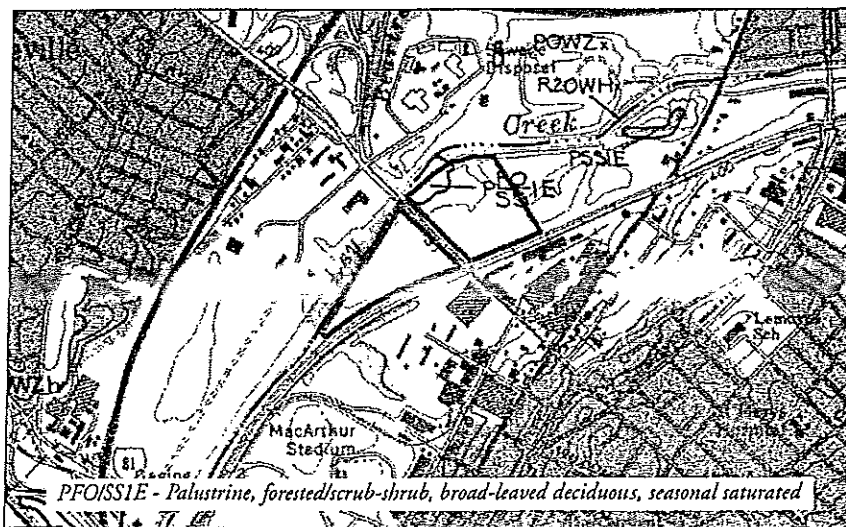


Figure 6. North Landfill and South Landfill shown on the NWI map.

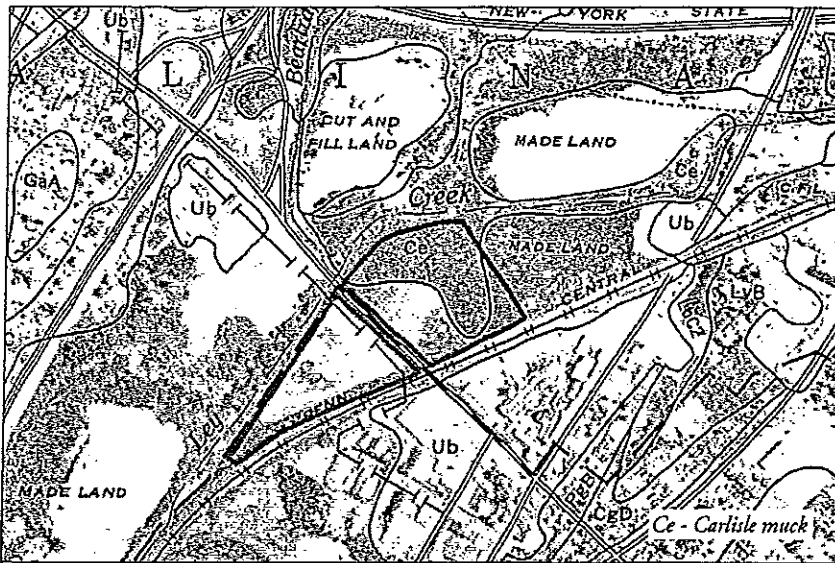


Figure 7. North Landfill and South Landfill shown on the Onondaga County soils map.

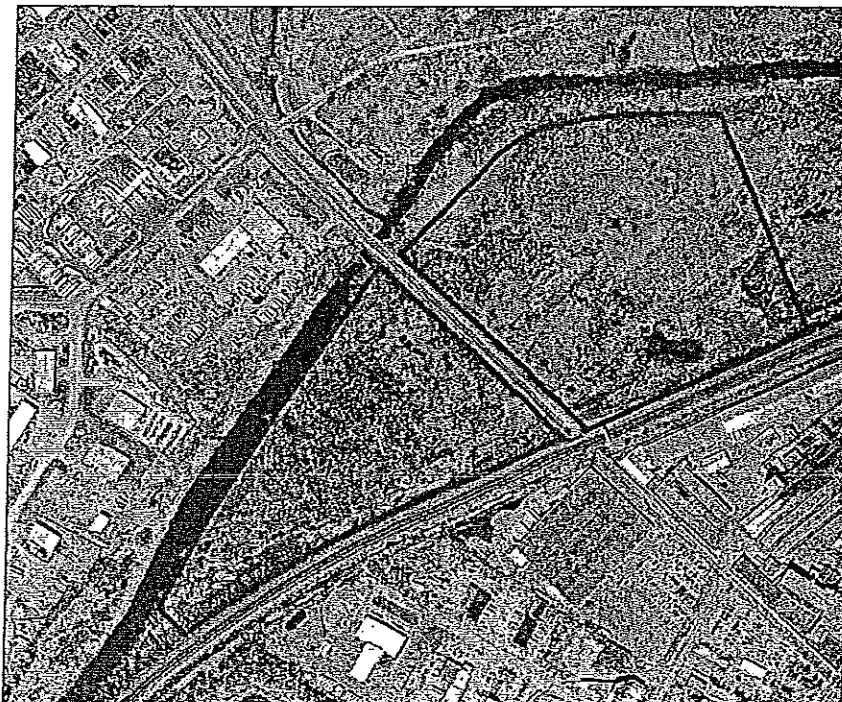


Figure 8. North Landfill and South Landfill shown on a 2003 aerial photograph.

Package, EDR NEPA Check, NYS-DEC Freshwater Wetland maps (Figure 5), National Wetland Inventory maps (Figure 6), Onondaga County Soil Survey (Figure 7), and NYS GIS Clearing House aerial photograph (Figure 8). A vegetation cover map for the site was prepared with the use of these sources of information, as well as data collected from conducting a detailed

on-site field survey of the vegetation (Figure 9 - Appendix B). The various vegetation communities were categorized based on species composition and structural diversity (i.e., foliage height, spatial distribution, percent cover, age class, species distribution, vegetation layering), and are described according to *Ecological Communities of New York State* (Reschke 2002).

Vegetation Communities

There are a number of vegetation community types on the site, including old field, shrub upland, deciduous forest, and wetland. The following is a general description of each of the vegetation community types, including a discussion on dominant species and general characteristics of each community. A map (Figure 10) showing the locations of the photographs of the site is included in Appendix B. A list of all plant species, including scientific and common names, identified on the site is presented in Tables 1 and 2 in Appendix C.



Figure 11. The old field in the northern portion of the North Landfill.

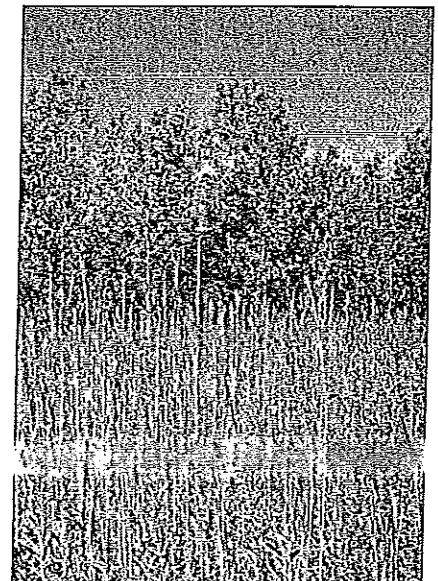


Figure 12. Another view of the old field in the northern portion of the North Landfill.

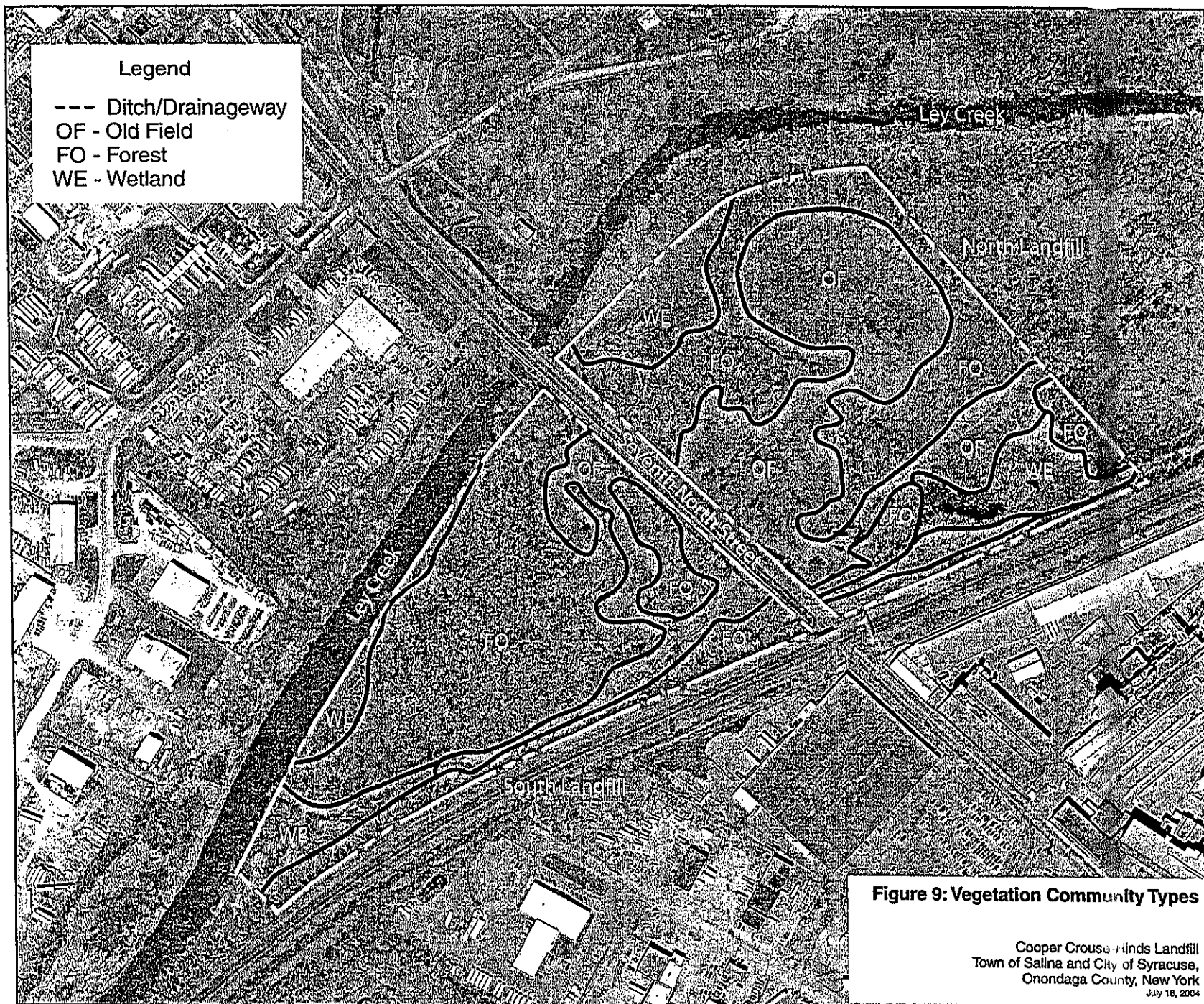


Figure 9: Vegetation Community Types

Cooper Crouse Hills Landfill
Town of Salina and City of Syracuse,
Onondaga County, New York
July 18, 2004



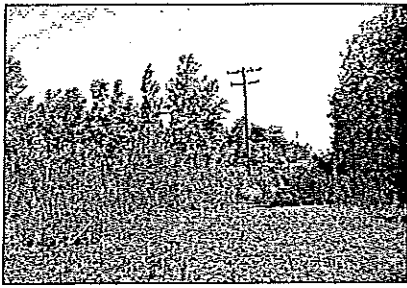


Figure 13. An area of the old field in the north-eastern portion of the North Landfill.

Old Field

There are several areas of old field on the site. This vegetation community type is classified by Reschke as successional old field. The overall character of the old field areas tends to be the same; that is, areas dominated by forbs (broad-leaved flowering plants) and grasses. There are many species that are found throughout the old fields within the study area although the species composition and distribution varies from area to area, often times based on past use or current soil conditions. The most common species found on the North Landfill include orchard grass (*Dactylis glomerata*), Canada goldenrod (*Solidago canadensis*), Canada bluegrass (*Poa compressa*), Kentucky bluegrass (*Poa pratensis*), bushy knapweed (*Centaurea maculosa*), spring forget-

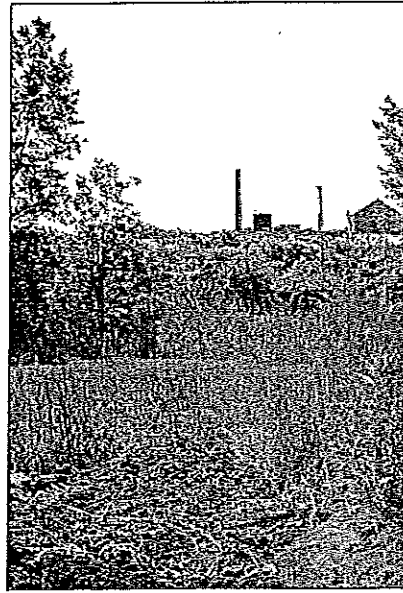


Figure 14. Another view of the old field in the northern portion of the North Landfill.

me-not (*Myosotis verna*), deptford pink (*Dianthus armeria*), white sweet-clover (*Melilotus alba*), timothy (*Phleum pratense*), ragweed (*Ambrosia artemisiifolia*), English plantain (*Plantago lanceolata*), rough bedstraw (*Galium asprellum*), common yarrow (*Achillea millefolium*), ox-eye daisy (*Leucanthemum vulgare*), and bird's-foot trefoil (*Lotus corniculata*).

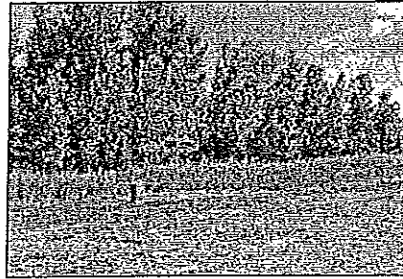
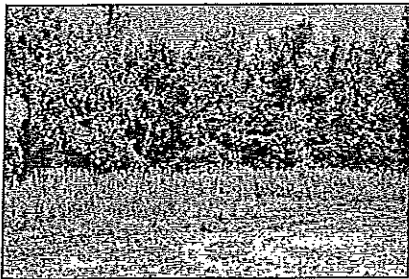
Although common reed (*Phragmites australis*) is not considered an old field

species, it has spread into some of the old field areas where it has formed dense stands. In addition, a number of shrub and sapling tree species are present within the old field areas, although they collectively have less than 50 percent cover within this community type. These species include staghorn sumac (*Rhus typhina*), buckthorn (*Rhamnus cathartica*), honeysuckle (*Lonicera tatarica*), and Eastern cottonwood (*Populus deltoides*).

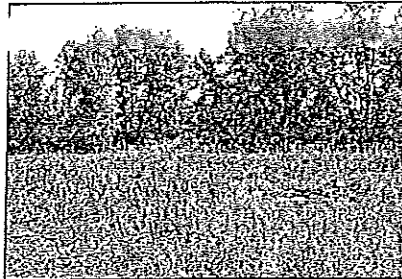
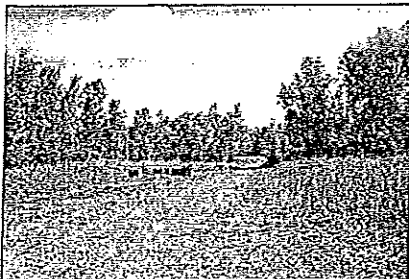
The most common species found on the South Landfill include Canada goldenrod, Kentucky bluegrass, Canada bluegrass, dame's-rocket (*Hesperis matronalis*), deptford pink, spring forget-me-not, common yarrow, ox-eye daisy, bird's-foot trefoil, common milkweed (*Asclepias syriaca*), and tall ironweed (*Vernonia altissima*). It should be noted that an access road occurs generally from north to south through the forested areas in the South Landfill, and old field vegetation has become established along this road. However, the road does not show up well on the enclosed aerial photograph and was therefore not shown on Figure 9. As with the old field areas in the North Landfill, common reed has spread into some of the old field areas in the South Landfill where it has formed dense stands.

Shrub Upland

Small areas of shrub upland occur within the study area and tend to grade into old field on the one side and deciduous forest on the other side, with the boundaries between the community types rather indistinguishable. In fact, shrub upland is not shown on the vegetation community type map be-



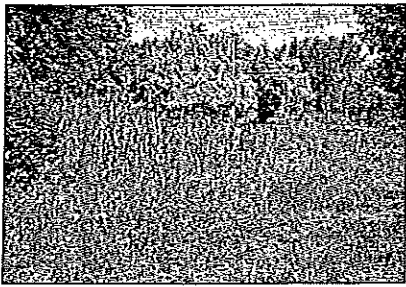
Figures 15 and 16. Old field vegetation in the southern portion of the North Landfill.



Figures 17 and 18. Another view of the old field in the southern portion of the North Landfill.



Figure 19. Old field in the northern portion of the South Landfill.



Figures 20 and 21. Views of the old field in the southern portion of the South Landfill. Note how common reed has spread into this old field area.

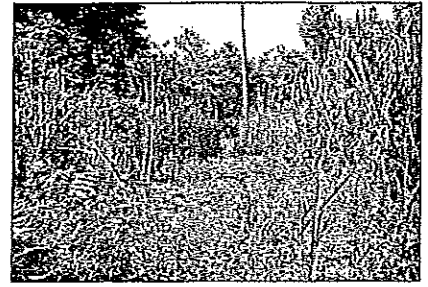
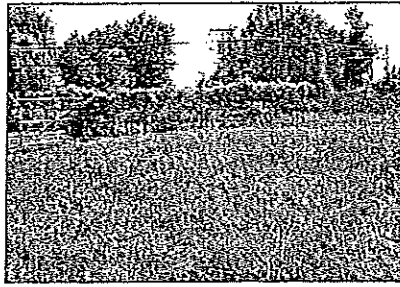


Figure 22. An area that contains old field vegetation along with common reed.

cause it was too difficult to determine the boundaries. This community type is classified by Reschke as successional shrubland. As with the old field community type, shrub uplands occur on sites that were once cleared for farming, logging, development, etc. and then abandoned. This particular vegetation community type has at least 50 percent shrub cover, although the density of shrubs varies between the dif-

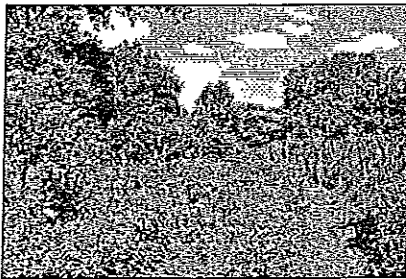
ferent areas. The most common species noted within the project study area include buckthorn and honeysuckle.

Deciduous Forest

The deciduous forest areas within the site do not fit any of the forest descriptions presented in Reschke. The forests on site are dominated by light-requiring, wind-dispersed species that are

well-adapted to establishment following disturbance, and they tend to range in age and structure from early successional to late successional (10 to 40 years old). A characteristic feature of successional forests is the lack of reproduction of the canopy species. Most of the tree seedlings and saplings in successional forests are species that are more shade-tolerant than the canopy species. Shrub layer and ground layer plants may include species characteristic of successional old fields and/or species that occurred on or near the site prior to disturbance. These forest areas tend to be rather dense in the understory and difficult to walk through.

The deciduous forest areas within the North and South Landfills are dominated by Eastern cottonwood, with black willow (*Salix nigra*) and box-elder (*Acer negundo*) being fairly common in



Figures 23 and 24. Old field vegetation occurs along the access road in the northern portion of the South Landfill. Note the deciduous forest to the north, south, and west of this area.

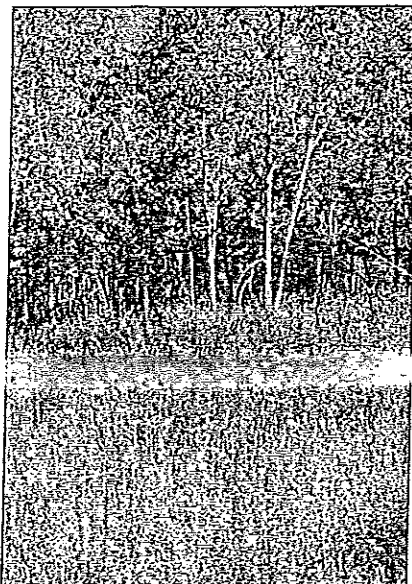
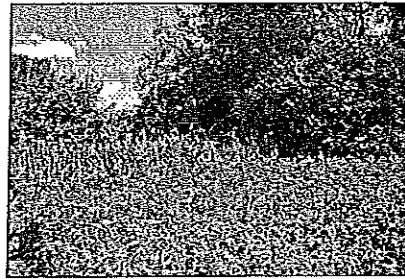


Figure 25. Successional northern hardwood forest in the northern portion of the North Landfill.



Figure 26. Successional northern hardwood forest in the western portion of the North Landfill.

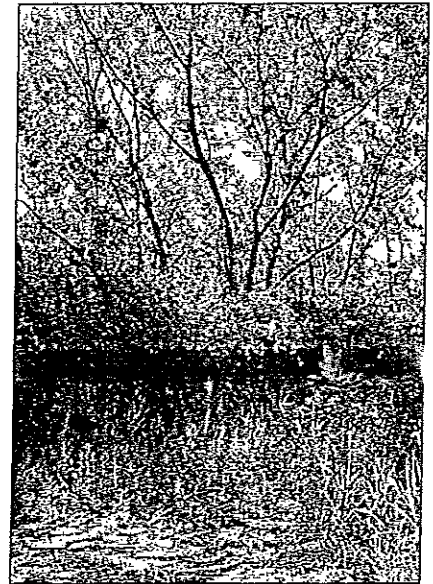
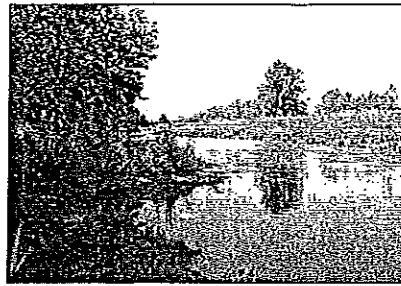


Figure 27. Dense shrubs under sparse trees in northwest corner of the South Landfill.



Figure 28. Successional northern hardwood forest in the central portion of the South Landfill.



Figures 29 and 30. Ley Creek borders the west side of the South Landfill. Dense hardwood forest and common reed border the creek.

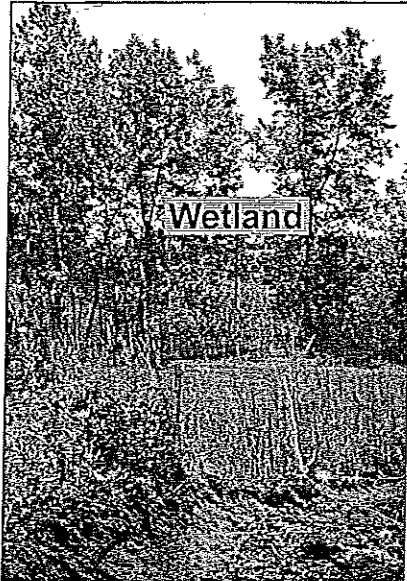
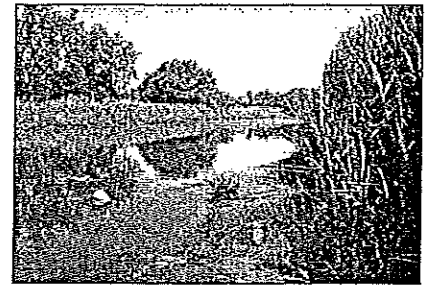


Figure 31. The emergent wetland along the eastern portion of the North Landfill.



Figure 32. The emergent wetland in the southern portion of the South Landfill.

places. Buckthorn and honeysuckle are common understory shrubs throughout these forested areas, with garlic mustard (*Alliaria petiolata*) being a common herbaceous species. Some of the early successional forested areas consist mostly of Eastern cottonwood saplings with an understory of yellow sweet-clover (*Melilotus officinalis*), white sweet-clover, ox-eye daisy, deptford pink, Canada and Kentucky bluegrass, bushy knapweed, and common St. John's-wort (*Hypericum per-*

Wetland

Two areas of wetland occur within the limits of the North Landfill and two areas of wetland occur within the limits of the South Landfill. These wetlands are similar to the shallow emergent wetland described by Reschke.

The dominant species in these areas is common reed, although narrow-leaved cattail (*Typha angustifolia*) occurs in patches in the two wetlands in the North Landfill. Areas of open water are also present within the wetland on the east side of the North Landfill.

Several drainage channels occur within the project study area and are shown on Figure 9 (Appendix B) while Figure 33 shows the drainage patterns within both sites. Some wetland vegetation occurs along these drainage channels, including black willow, silky dogwood, purple loosestrife, and common reed. However, all but the drainage way leading into the wetland on the west side of the North Landfill are unvegetated and appear to have been created by humans.

Rare Species

According to the U.S. Fish and Wildlife Service data, there are no rare plant species on or within a 1-mile radius of the site (refer to correspondence in Appendix A). Correspondence received from the New York Natural Heritage Program (NHP) Significant Habitat and Element Occurrence Records indicates that an unprotected vegetation community type (inland salt pond) and a threatened vascular plant (red pigweed - *Chenopodium rubrum*) occur within a 1-mile radius and/or 7.5 miles downstream of the site (refer to correspondence in Appendix A). However, the salt pond is highly degraded and no longer contains any salt marsh vegetation and the information on red pigweed is historical (1922 and 1940), with no recorded sightings of this plant since that time. Neither of these NHP elements occurs on or adjacent to the site.

Vegetation Summary

The historical topographic maps and aerial photographs provided by EDR indicate that wetland completely covered the site prior to landfill operations. However, the 1973 topographic map does not indicate that any wetland is present within either landfill site, although the aerial photographs and the field survey did reveal that some wetland occurs within both landfill sites, but not to the extent that was present prior to the use of the property for landfill purposes.

The vegetation community types identified on and adjacent to the site, as well as the particular species observed within them, are considered common throughout New York State. In addi-

tion, there were no visual signs of stressed vegetation (e.g., yellowed or discolored leaves, shriveled leaves, stunted growth, basal sprouting or suckering) noted anywhere on the site.

Due to the relatively small size and past use of the site and the surrounding landscape, there is a noted lack of diversity in terms of vegetation community types and therefore plant species.

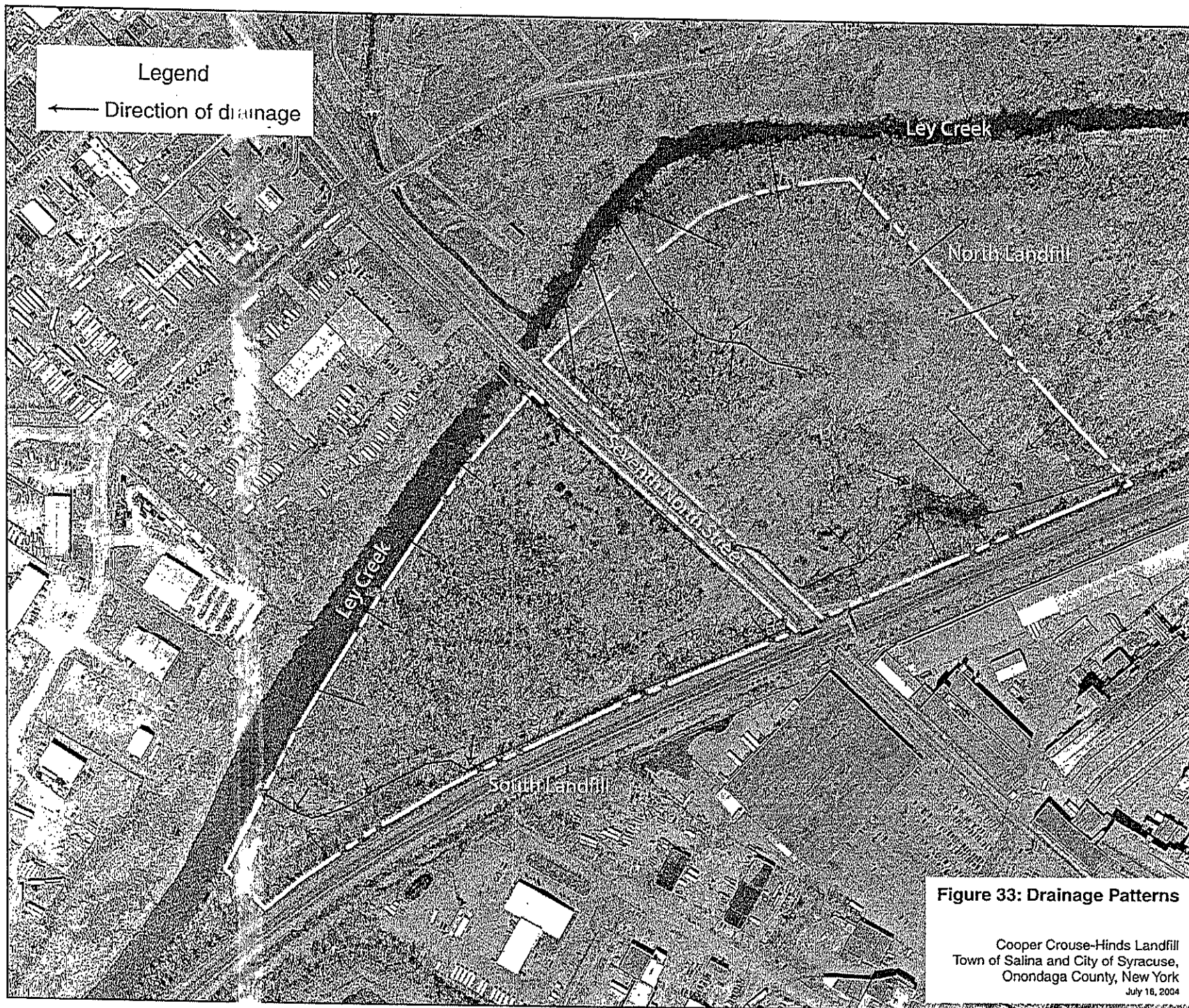


Figure 33: Drainage Patterns

Cooper Crouse-Hinds Landfill
Town of Salina and City of Syracuse,
Onondaga County, New York
July 16, 2004





Section B

Section B of the FWIA is a description of the fish and wildlife resources on the site. The purpose is to survey these resources to determine if there are any impacts due to contamination.

Description of Fish and Wildlife Resources

The wildlife species within and around the aquatic resources located on and adjacent to the site were identified. These resources included wetlands and streams (various ditches and Ley Creek). The physical features of these aquatic habitats were noted in terms of general qualitative characteristics (i.e., gradient, flow, substrate, etc.), along with vegetation and wildlife species present. More detailed habitat characteristics (i.e., water chemistry, temperature, dissolved oxygen, etc.)

Information concerning on-site wildlife species was collected by consulting published reports. Existing data concerning wildlife resources on the site were verified and supplemented by field evaluation of the wildlife communities and habitats on site. Field inventory techniques relied primarily on vi-

sual and auditory recording of species. Birds were documented by sight and song, and evidence of breeding was noted (territorial singing, carrying nest material, nests, and carrying food for young).

Mammals were identified through direct observation of species and/or their sign (dens, tracks, droppings, bones, etc.). Reptiles and amphibians were surveyed through systematic searches of wooded areas, wetlands, and ditches. In searching for snakes and salamanders, rocks, logs, and other debris were turned over and examined. Visual surveys were used to determine turtle and fish species present within the project limits.

Observations of stress on wildlife species was noted by looking for atypical biotic conditions such as reduced density, reproduction, wildlife mortality, changes in species assemblages and distribution, and/or the absence of expected biota. Evidence of contamination

seeps, or exposed waste, were also noted and are described below.

Wildlife Habitat

Given the size limitations of the site and the highly developed surrounding landscape, the site does not support a

very rich wildlife species community. Much of the area contains common species that are typically associated with edge habitat, small woodlots, shrubby environments, monotypic wetlands, and a rather degraded stream (Ley Creek).

Fish

Although Ley Creek is not part of the project study area, it forms the western boundary of the South Landfill and therefore information regarding the classification and water quality standards, as well as fish population data, were obtained from the NYSDEC. The portion of Ley Creek adjacent to the North and South Landfills is classified as a Class C stream with C standards (S. Cook, NYSDEC, pers. comm.). There are no current records for fish populations in the NYSDEC database for this part of Ley Creek (D. Bishop, NYSDEC, pers. comm.), although historic (1971) records show that portions

NYSDEC records in Appendix A). In addition, the lower 2-mile stretch of the creek was once an excellent waterfowl marsh but has since been filled and the stream has been polluted. Fish species observed in 1971 in Ley Creek at Seventh North Street include White Sucker (*Catostomus commersoni*), Golden Shiner (*Notemigonus cryso-*

leucas), Yellow Perch (*Perca flavescens*), Common Carp (*Cyprinus carpio*), and Brook Stickleback (*Culaea [Eucalia] inconstans*).

Amphibians & Reptiles

Two species of amphibians were observed on the North Landfill (Table 3 - Appendix C) including Green Frog (*Rana clamitans melanota*) and Common Snapping Turtle (*Chelydra s. serpentina*). Green Frog was observed in the wetland on the eastern side of the landfill and Snapping Turtle was noted in the drainage ditch in the southwest portion of the landfill. No amphibians or reptile species were noted on the South Landfill (Table 4 - Appendix C).

Birds

Twenty three species of birds were observed on the North Landfill and 17 species were observed on the South Landfill (Tables 3 and 4, respectively). The vast majority of species are those that are often found along woodland edges and shrubby fields in upland areas, habitats that are common on the landfill and adjacent property, as well as throughout much of central New York. Among the species that were particularly common on the landfill sites were Gray Catbird (*Dumetella carolinensis*), American Robin (*Turdus migratorius*), Cedar Waxwing (*Bombycilla cedrorum*), Northern Cardinal (*Cardinalis cardinalis*), Black-capped Chickadee (*Poecile atricapillus*), House Wren (*Troglodytes aedon*), American Goldfinch (*Carduelis tristis*), and Warbling Vireo (*Vireo gilvus*).

Most of the bird species noted on the site are typical of those found in relatively small woodlots throughout New

capped Chickadee, Downy Woodpecker (*Picoides pubescens*), and Wood Thrush (*Hylocichla mustelina*) were observed in the forested areas while House Wren, Warbling Vireo, Baltimore Oriole (*Icterus galbula*), American Crow (*Corvus brachyrhynchos*), and Song Sparrow (*Melospiza melodia*) were observed along the forest edges.

Common Yellowthroat (*Geothlypis trichas*), Yellow Warbler (*Dendroica petechia*), and Red-winged Blackbird (*Agelaius phoeniceus*) were observed in the wet shrubby areas and emergent wetlands.

One upland game species, American Woodcock (*Philohela minor*), was observed in the drainageway that leads to the wetland on the west side of the North Landfill site.

Great Blue Heron (*Ardea herodias*) and Green Heron (*Butorides virescens*) were observed flying over the site and could possibly be feeding on Green Frogs within the open water areas of the wetlands and/or Ley Creek. Tree Swallows (*Tachycineta bicolor*) were also observed feeding on insects over Ley Creek, but could possibly feed on insects over the open water within the wetland on the east side of the North Landfill.

Mammals

Three species of mammals were observed on the North Landfill (Table 3) including Whitetail Deer (*Odocoileus virginianus*), Woodchuck (*Marmota monax*), and Meadow Vole (*Microtus pennsylvanicus*). Four species of mammals were observed on the South Landfill (Table 4), including Eastern Gray Squirrel (*Sciurus carolinensis*), Woodchuck, Whitetail Deer, and Raccoon (*Procyon lotor*). Whitetail Deer and Woodchuck were particularly common on both landfill sites and were observed in, or can be expected to occur in, virtually all portions of the property. Species such as Opossum (*Didelphis marsupialis*) and Striped Skunk (*Mephitis mephitis*) can also be expected to occur in any habitat on or adjacent to the property, although none were observed

radius of the site (refer to correspondence in Appendix A).

Wildlife Summary

As mentioned in the Vegetation Summary section of this report, historical topographic (dated 1947, 1958, 1973) and photographic (dated 1959, 1966, 1978, 1988, 1995) information indicate that most of both landfills contained wetland. In addition, historical fisheries information (dated 1971) indicates that high quality waterfowl habitat existed along this stretch of Ley Creek. This type of habitat would have harbored a particular community of wildlife species that are no longer present due to loss of habitat. However, the current habitat supports a viable population of different species of wildlife, albeit a small community due to the small number of vegetation community types on and adjacent to the site, the small size and past use of the subject property, and the surrounding developed landscape. Much of the area is dominated by more common species that are typically associated with edge habitat, small woodlots, and shrubby environments. In terms of overall health of the wildlife community, none of the wildlife species observed were disfigured or showed any visible signs of stress. Wildlife species dependent on aquatic resources are often highly susceptible to contamination. However, the apparent lack of reptiles, amphibians, and fish species is not necessarily an indication of contamination from either of the two landfills. As stated previously, a number of factors could contribute to the lack of diversity of species, including lack of good quality habitat and high quality adjacent habitat from which species

mostly of landfill material with little to no topsoil which most likely accounts for the lack of dense, lush vegetation throughout the site. The lack of good quality vegetation community types, as well as the limited size of the site, precludes the occupation of the property by a vast list of wildlife species.

Rare Species

According to the NHP Element Occurrence Records, the New York State Breeding Bird Atlas, and the U.S. Fish and Wildlife data, there are no rare wildlife species on or within a 1-mile



Section C

An evaluation was made of the existing habitat to associated fauna. This was accomplished by determining the degree to which the habitats within the site meet the requirements for food, cover, bedding areas, breeding, and roosting sites for various species of wildlife. Qualitative assessments of fish and wildlife population densities and diversities were determined. This information was then used to assess, in a qualitative manner, the general ability of the area to support fish and wildlife.

The current and potential use of fish and wildlife resources by humans was assessed in terms of hunting, fishing, wildlife observation, scientific research, and other recreational or economic activities. Included within this assessment were resources on the site as well as immediately adjacent to the site perimeter.

Description of Fish and Wildlife Resource Value

The following is a discussion of the value of the Cooper Crouse-Hinds Landfill site as it relates to providing habitat for associated fauna and a resource for human use.

Value of Habitat to Associated Fauna

The aquatic habitats on the Cooper Crouse-Hinds Landfill site consist of emergent wetlands, one of which contains areas of open water, and several drainage ditches. The fishery resources of the site are limited to Ley Creek, the open water within one of the wetlands, and the ditches that convey water from the wetlands to Ley Creek. However, no fish species were observed in any of the aquatic habitats on either of the landfills and the fisheries dated obtained from the NYSDEC shows that Ley Creek is a poor fishery due to pollution and degradation.

The Cooper Crouse-Hinds Landfill site and the surrounding area provides a small mosaic pattern of wildlife habitat types. These include old fields, shrub uplands, deciduous forests, and wetlands. As a result of this variety of habitat types, the majority of wildlife species that occur in the area are those small, patchy blocks of one vegetation cover type. Given that the surrounding area is highly developed, the landfill sites act as a green island or refugium in an area that otherwise is relatively devoid of wildlife species. This area is not only used by resident species of wildlife but also by birds during the fall and spring migrations.

Value of Resources to Humans

The fishery resources of the site are very limited and have little value to humans. There are no fish species known to exist on the Cooper Crouse-Hinds Landfill site and the only open water occurs on the North Landfill surrounded by emergent wetland.

The only other known fishery resource adjacent to the landfill property is Ley Creek. This creek is currently polluted and does not appear to support a viable population of game fish that would be of interest to fishermen. Even if the creek supported a reproducing population of game fish, public access to much of the creek is limited due to the posting of private property. Therefore, this stretch of Ley Creek has somewhat limited value to humans.

Hunting is not allowed on the property, and even though the game species (Whitetail Deer, Woodcock, Gray

on the site readily move on and off the property, utilization of this resource is restricted due to the highly developed nature of the surrounding areas.

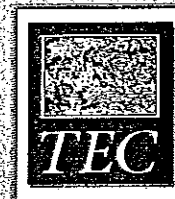
The primary value of the wildlife that are associated with the site would be as a resource for birdwatchers in other areas besides New York State. Although

the Cooper Crouse-Hinds Landfill site is closed to the public, the birds that breed on these sites are migratory, and during certain times of the year, can be observed in other parts of the United

States as well as certain other countries, depending on the species.

In terms of the site and surrounding land providing educational, scientific

research, and recreational opportunities, these activities are restricted only by the fact that the land is under private ownership and not accessible to the public.



Section D

Identification was made of the contaminant-specific and site-specific criteria applicable to the fish and wildlife resources for the Cooper Crouse-Hinds landfill site. Various government publications were used in determining these criteria, including the New York State Code of Rules and Regulations (6NYCRR) Parts 182, 608 701, 702, 703, and 800, and New York State Environmental Conservation Law (NYS ECL) Articles 11 and 15.

Identification of Applicable Fish and Wildlife Regulatory Criteria

A number of New York State Codes, Rules, and Regulations that have been promulgated under the NYS ECL (Chapter 23 of the Consolidated Laws), as well as several Federal laws, are applicable to the Cooper Crouse-Hinds landfill site. These laws are

found in Article 11 (Fish and Wildlife), Sections 11-0503, 11-0515, and 11-0535, Article 15 (Water Resources), Title 5 (Protection of Waters), and Section 404 of the Clean Water Act. The following is a list of the contaminant-specific and site-specific regulatory criteria applicable to the site.

Contaminant-Specific Criteria

The following 6NYCRR protecting water quality are applicable to the Cooper Crouse-Hinds landfill site:

Part 701 - Classification - Surface Waters and Groundwater

Section 701.1 General conditions applying to all water classifications.

The discharge of sewerage, industrial waste or other wastes shall not cause impairment of the best usages of the receiving water as specified by the water classifications at the location of discharge and no other water quality shall be affected by such discharge.

Part 702 - Derivation and use of Standards and Guidance Values

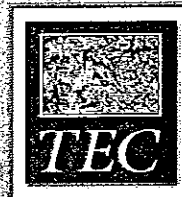
Section 702.1 Basis for derivation of water quality standards and guidance values.

(a) The control of taste-, color-, and odor-producing, toxic and other deleterious substances is implemented through the use of standards and guidance values.

(b) The derivation of standards and guidance values will consider, to the extent possible, variations in natural or background conditions of waters, including but not limited to alkalinity, temperature, hardness and pH.

Section 702.9 Standards and guidance values for protection of aquatic life.

(a) Standards and guidance values for the protection of the best usage of fishing shall also prevent tainting of aquatic food and shall be protective of the health and life from the substances that may bioaccumulate and are referred to as aquatic values.



References

Bishop, D. 24 June 2004. *Pers. Comm.* NYSDEC. Cortland, NY.

Britton, N.L. and H.A. Brown. 1970. *An Illustrated Flora of the Northern United States and Canada*. Dover Publications, Inc., New York, NY. (Three Vols.).

Burt, W.H. and R.P. Grossenheider. 1976. *A Field Guide to the Mammals*, 3rd Edition. Houghton Mifflin Company, Boston, MA.

Conant, R. and J.T. Collins. 1991. *A Field Guide to Reptiles and Amphibians*, 3rd Edition. Houghton Mifflin Company, Boston, MA.

Cook, S. 24 June 2004. *Pers. Comm.* NYSDEC. Syracuse, NY.

Environmental Data Resources, Inc. 29 January 2004. EDR Aerial Photo Decade Package. Southport, CT.

Environmental Data Resources, Inc. 29 January 2004. EDR Historical Topographic Map Report. Southport, CT.

Environmental Data Resources, Inc. 29 January 2004. EDR NEPA Check. Southport, CT.

Gleason, H.A. and A. Cronquist. 1991. *Manual of Vascular Plants of Northeastern United States and Adjacent Canada*. The New York Botanical Garden, New York, NY.

Mitchell, R.S. and G.C. Tucker. 1997. *Revised Checklist of New York State Plants*. The University of the State of New York, Albany, NY.

Newcomb, L. 1977. *Newcomb's Wildflower Guide*. Little, Brown and Co., Boston, MA.

New York State Department of Environmental Conservation. 2004. *Cooper Crouse-Hinds Landfill Vegetation and Wildlife Study*. Marine Resources, Region 7, Bureau of Fisheries. Cortland, NY.

New York State Department of Environmental Conservation. 2004. NYS Breeding Bird Atlas, Block 4077C Summary. Albany, NY.

New York State Department of Environmental Conservation. New York Natural Heritage Program. Letter dated 23 July 2004.

New York State GIS Data Clearinghouse 30 cm color infrared satellite image (2001).

New York Natural Heritage Report on Rare Species and Ecological Communities (23 January 2004).

Peterson, R.T. and M. McKenny. 1968. *A Field Guide to Wildflowers of Northeastern and North Central North America*. Houghton Mifflin Co., Boston, MA.

Reschke, C. 2002. *Ecological Communities of New York State*. Second Edition. New York Natural Heritage Program. Albany, NY.

Sibley, D.A. 2000. *The Sibley Guide to Birds*. Alfred A. Knopf, Inc. New York, NY.

Society for the Study of Amphibians and Reptiles. 1990. *Standard Common and Current Scientific Names for North American Amphibians and Reptiles*. Museum Nat. Hist., Univ. of Kansas, Lawrence, KS.

USDA SCS. 1977. *Soil Survey of Onondaga County, New York*. USDA Soil Conservation Service in Cooperation with Cornell University Agricultural Experiment Station.

United States Department of the Interior. Fish and Wildlife Service. Letter dated 21 July 2004.



Appendix

Appendix A:

Agency Information

Appendix B:

Natural Resources Maps

Appendix C:

Vegetation and Wildlife Species Lists

Appendix A:

Agency Information

New York State Department of Environmental Conservation
Division of Fish, Wildlife & Marine Resources
New York Natural Heritage Program
625 Broadway, 5th floor, Albany, New York 12233-4757
Phone: (518) 402-8935 • FAX: (518) 402-8925
Website: www.dec.state.ny



July 23, 2004

Barbara C Reuter
The Environmental Collaborative
309 Palmer Drive
Fayetteville, NY 13066

Dear Ms. Reuter:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to an Environmental Assessment for the Cooper Crouse-Hinds Landfills, area as indicated on the map you provided, located in the Town of Salina and City of Syracuse, Onondaga County.

Enclosed is a report of rare or state-listed animals and plants, significant natural communities, and other significant habitats, which our databases indicate occur, or may occur, on your site or in the immediate vicinity of your site. The information contained in this report is considered sensitive and may not be released to the public without permission from the New York Natural Heritage Program.

PLEASE NOTE: We report records within a 1-mile buffer and 7.5 miles downstream of landfill project sites.

The presence of rare species may result in this project requiring additional permits, permit conditions, or review. For further guidance, and for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the appropriate NYS DEC Regional Office, Division of Environmental Permits, at the enclosed address.

For most sites, comprehensive field surveys have not been conducted; the enclosed report only includes records from our databases. We cannot provide a definitive statement on the presence or absence of all rare or state-listed species or significant natural communities. This information should not be substituted for on-site surveys that may be required for environmental impact assessment.

Our databases are continually growing as records are added and updated. If this proposed project is still under development one year from now, we recommend that you contact us again so that we may update this response with the most current information

Sincerely,

Betty Ketcham
Betty A Ketcham, Information Services
NY Natural Heritage Program

Enc.

cc: Reg. 7, Wildlife Mgr.
Reg. 7, Fisheries Mgr.
Reg. 7, Bureau of Habitat

Natural Heritage Report on Rare Species and Ecological Communities

Prepared 22 July 2004 by NY Natural Heritage Program, NYS DEC, Albany, New York



This report contains SENSITIVE information that should be treated in a sensitive manner -- Please see cover letter. Refer to the Users' Guide for explanations of codes, ranks, and fields.
: do not always provide maps of locations of species most vulnerable to disturbance, nor of some records whose locations and/or extents are not precisely known or are too large to display.

Page 1

County	Town	Scientific Name, COMMON NAME, & Group Name	NY Legal Status, Heritage Ranks, & Federal Status	EO Rank & Last Seen	Detailed Location	General Habitat and Quality	Office Use
ONONDAGA							
SALINA							
		INLAND SALT POND Community	UNPROTECTED G2 S1	D 1998-08-12	ONONDAGA SALT MARSH Danforth Pool between Route 57 and Onondaga Lake on the northeast side of the lake.	A pool fed by salt springs. Severely degraded; no salt marsh left.	4307612 S
		<i>Chenopodium rubrum</i> RED PIGWEED Vascular Plant	THREATENED G5 S2	F 1940-08-30	SALINA Salina, along shores of a lake in a park just south of Liverpool (1940). About the salt sheds south of Liverpool (1922).	Shores. Failed to find in degraded saltmarsh.	4307612 M

2 Records Processed

USERS GUIDE TO NY NATURAL HERITAGE DATA

New York Natural Heritage Program, 625 Broadway, Albany, NY, 12233-4757 (518) 402-8935

NATURAL HERITAGE PROGRAM: The Natural Heritage Program is an ongoing, systematic, scientific inventory whose goal is to compile and maintain data on the rare plants and animals native to New York State, and significant ecological communities. The data provided in the report facilitate sound planning, conservation, and natural resource management and help to conserve the plants, animals and ecological communities that represent New York's natural heritage.

DATA SENSITIVITY: The data provided in the report are ecologically sensitive and should be treated in a sensitive manner. The report is for your in-house use and should not be released, distributed or incorporated in a public document without prior permission from the Natural Heritage Program.

NATURAL HERITAGE REPORTS (may contain any of the following types of data):

COUNTY NAME: County where the occurrence of a rare species or significant ecological community is located.

TOWN NAME: Town where the occurrence of a rare species or significant ecological community is located.

USGS 7 1/2' TOPOGRAPHIC MAP: Name of 7.5 minute US Geological Survey (USGS) quadrangle map (scale 1:24,000).

SIZE (acres): Approximate acres occupied by the rare species or significant ecological community at this location. A blank indicates unknown size.

SCIENTIFIC NAME: Scientific name of the occurrence of a rare species or significant ecological community.

COMMON NAME: Common name of the occurrence of a rare species or significant ecological community.

ELEMENT TYPE: Type of element (i.e. plant, animal, significant ecological community, other, etc.)

LAST SEEN: Year rare species or significant ecological community last observed extant at this location.

EO RANK: Comparative evaluation summarizing the quality, condition, viability and defensibility of this occurrence. Use with LAST SEEN.

A-E = Extant: A=excellent, B=good, C=fair, D=poor, E=extant but with insufficient data to assign a rank of A - D.

F = Failed to find. Did not locate species, but habitat is still there and further field work is justified.

H = Historical. Historical occurrence without any recent field information.

X = Extirpated. Field/other data indicates element/habitat is destroyed and the element no longer exists at this location.

? = Unknown.

Blank = Not assigned.

NEW YORK STATE STATUS (animals): Categories of Endangered and Threatened species are defined in New York State Environmental Conservation Law section 11-0535. Endangered, Threatened, and Special Concern species are listed in regulation 6NYCRR 182.5.

E = Endangered Species: any species which meet one of the following criteria:

1) Any native species in imminent danger of extirpation or extinction in New York.

2) Any species listed as endangered by the United States Department of the Interior, as enumerated in the Code of Federal Regulations 50 CFR 17.11.

T = Threatened Species: any species which meet one of the following criteria:

1) Any native species likely to become an endangered species within the foreseeable future in NY.

2) Any species listed as threatened by the U.S. Department of the Interior, as enumerated in the Code of the Federal Regulations 50 CFR 17.11.

SC = Special Concern Species: those species which are not yet recognized as endangered or threatened, but for which documented concern exists for their continued welfare in New York. Unlike the first two categories, species of special concern receive no additional legal protection under Environmental Conservation Law section 11-0535 (Endangered and Threatened Species).

P = Protected Wildlife (defined in Environmental Conservation Law section 11-0103): wild game, protected wild birds, and endangered species of wildlife.

U = Unprotected (defined in Environmental Conservation Law section 11-0103): the species may be taken at any time without limit; however a license to take may be required.

G = Game (defined in Environmental Conservation Law section 11-0103): any of a variety of big game or small game species as stated in the Environmental Conservation Law; many normally have an open season for at least part of the year, and are protected at other times.

NEW YORK STATE STATUS (plants): The following categories are defined in regulation 6NYCRR part 193.3 and apply to NYS Environmental Conservation Law section 9-1503.

E = Endangered Species: listed species are those with:

1) 5 or fewer extant sites, or

2) fewer than 1,000 individuals, or

3) restricted to fewer than 4 U.S.G.S. 7 1/2 minute topographical maps, or

4) species listed as endangered by U.S. Department of Interior, as enumerated in Code of Federal Regulations 50 CFR 17.11.

T = Threatened: listed species are those with:

1) 6 to fewer than 20 extant sites, or

2) 1,000 to fewer than 3,000 individuals, or

3) restricted to not less than 4 or more than 7 U.S.G.S. 7 and 1/2 minute topographical maps, or

4) listed as threatened by U.S. Department of Interior, as enumerated in Code of Federal Regulations 50 CFR 17.11.

R = Rare: listed species have:

1) 20 to 35 extant sites, or

2) 3,000 to 5,000 individuals statewide.

V = Exploitably vulnerable: listed species are likely to become threatened in the near future throughout all or a significant portion of their range within the state if causal factors continue unchecked.

U = Unprotected; no state status.

continued on next page



United States Department of the Interior

FISH AND WILDLIFE SERVICE

3817 Luker Road
Cortland, NY 13045



July 21, 2004

Ms. Barbara C. Reuter
President
The Environmental Collaborative
309 Palmer Drive
Fayetteville, NY 13066-1246

Dear Ms. Reuter:

This responds to your letter of June 24, 2004, requesting information on the presence of Federally listed or proposed endangered or threatened species in the vicinity of the Cooper Crouse-Hinds Landfills in the City of Syracuse and Town of Salina, Onondaga County, New York.

Except for occasional transient individuals, no Federally listed or proposed endangered or threatened species under our jurisdiction are known to exist in the project impact area. In addition, no habitat in the project impact area is currently designated or proposed "critical habitat" in accordance with provisions of the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.). Therefore, no further Endangered Species Act coordination or consultation with the U.S. Fish and Wildlife Service (Service) is required. Should project plans change, or if additional information on listed or proposed species or critical habitat becomes available, this determination may be reconsidered. The most recent compilation of Federally listed and proposed endangered and threatened species in New York* is available for your information.

The above comments pertaining to endangered species under our jurisdiction are provided pursuant to the Endangered Species Act. This response does not preclude additional Service comments under other legislation.

For additional information on fish and wildlife resources or State-listed species, we suggest you contact the appropriate New York State Department of Environmental Conservation regional office(s).* and:

New York State Department of Environmental Conservation
New York Natural Heritage Program Information Services
625 Broadway
Albany, NY 12233-4757
(518) 402-8935

Since wetlands may be present, you are advised that National Wetlands Inventory (NWI) maps may or may not be available for the project area. However, while the NWI maps are reasonably accurate, they should not be used in lieu of field surveys for determining the presence of wetlands or delineating wetland boundaries for Federal regulatory purposes. Copies of specific NWI maps can be obtained from:

Cornell Institute for Resource Information Systems
302 Rice Hall
Cornell University
Ithaca, NY 14853-5601
(607) 255-6520
web: <http://iris.css.cornell.edu>
email: cornell-iris@cornell.edu

Work in certain waters of the United States, including wetlands, may require a permit from the U.S. Army Corps of Engineers (Corps). If a permit is required, in reviewing the application pursuant to the Fish and Wildlife Coordination Act, the Service may concur, with or without recommending additional permit conditions, or recommend denial of the permit depending upon potential adverse impacts on fish and wildlife resources associated with project construction or implementation. The need for a Corps permit may be determined by contacting the appropriate Corps office(s).*

If you require additional information or assistance please contact Michael Stoll at (607) 753-9334.

Sincerely,


Acting For

David A. Stilwell
Field Supervisor

*Additional information referred to above may be found on our website at:
<http://nyfo.fws.gov/es/esdesc.htm>.

cc: NYSDEC, Syracuse, NY (Environmental Permits)
NYSDEC, Albany, NY (Natural Heritage Program)
COE, Buffalo, NY

New York State Department of Environmental Conservation
Division of Fish, Wildlife and Marine Resources, Region 7
Bureau of Fisheries
1285 Fisher Avenue, Cortland, New York 13045-1090
Phone: (607) 753-3095 • FAX: (607) 753-8532
Website: www.dec.state.ny.us

IMMEDIATE ATTENTIONTO: Barb ReuterFROM: David LemenREGION 7 - CORTLAND OFFICEFAX #: (315) 637-0425 NUMBER OF PAGES 4 PLUS COVERDATE: 7/1/04

MESSAGE:

Historical Fisheries info on requested
area of Ley Creek.

NEW YORK STATE CONSERVATION DEPARTMENT

STREAM SURVEY

Name & Key of Stream Ley Creek (3-08-P154)

Section Entire Mileage (Section) 9.6 Mileage (Entire) 9.6

County(s) Onondaga Town(s) DeWitt & Salina

Quadrangle(s) Syracuse 15', Syracuse East 7 1/2' & Syracuse West 7 1/2'

Watershed Oswego Date 8/12-18/71 Authority Creach, Wedge, Vase

Previous Stocking None known, although rumors persist that this stream and tribs
once held trout

Postage Mileage (Section) None Posted Mileage (Entire) --

Accessibility (Section) 9.6 miles Accessibility (Entire) --

Trout inhabited area (Section) None Trout inhabited area (Entire) --

Special features (dams, falls, pollution, dredging, erosion, etc.) Lower 2 miles was an excellent waterfowl marsh. Is now filled (1968-1971). Stream is grossly polluted primarily by industrial waste, particularly petroleum products. Most of the stream has been dredged at one time - part of it quite recently (1970) and most of it a long time ago (50 yrs. ±). Several limited access highways have crossed the stream recently destroying cover.
XXXXX Trib. 1, Beartrap Creek, has a large sewage disposal plant on its east bank.

1/56/10M

FISH COLLECTION

SMALL STREAM SURVEY

Survey Oswego Date 8/18/71 Authority L. R. Wedge

Name and key Ley Creek (3-08-P154) Quad Syracuse West 7 1/2'
Old Liverpool Rd.,

Station location 0.3 abv. mouth (county Onondaga)

Length Width Depth Acres

Flow Temp: A 84 W 79 Time (EST) 2:15 pm

Gear Not shocked Efficiency (yrs trout)

Young trout per acre (adjusted total)

Factors: W N H F Total

General notes:

This section appears to be very uniform, having a depth of two feet.

Low is a mixture of silt, sand, clay and and is too soft to walk on. Therefore, tion was not shocked. Vegetation is 6' tall cattails along banks.

For Barb Ruder
309 Palmer Dr.
FareHills NY 13066
(315) 637-3701
- 04/25
(F)

Stocking policy: None

18-29

(over)

Old Liverpool Rd.

Name of species	Abundance	Number and description
The flow is slow.		
No fish observed.		

FISH COLLECTION
or
SMALL STREAM SURVEY

Survey Oswego Date 8/18/71 Authority L. R. Wedge
Name and key Ley Creek (3-OSP154) Quad Syracuse West 7½'
1.0 mi. abv. T-1
Station location 0.25 abv. Lemoyne Ave. County Onondaga
Length 450' Width 15' (10-20') Depth 18" (to 4.5') Acres _____
Flow 0.4 cfs Temp: A 74 W 68 Time (EST) 9:45 a.m.
Gear 220 RAC - 2 wands Efficiency (yg trout) _____
Young trout per acre (adjusted total) None
Factors: W _____ N _____ H _____ F _____ Total _____

General notes:

Bottom clay (10%), rubble & trash (60%), muck (30%).
Water is turbid, oil slick present.
Water here very conductive - blew 4 10A fuses on
1/2 wave - using 2 wands (50% of section) - blew no
fuses using 1 wand.
One crayfish found dead - apparently not long.
Section receives periodic toxic pollutants.
Section dredged in part.

Stocking policy:

FISH COLLECTION
or
SMALL STREAM SURVEY

Survey Oswego Date 8/18/71 Authority L. R. Wedge
Name and key Ley Creek (3-OSP154) Quad Syr. West 7½'
Station location 7th N. Street, at T-1 County Onondaga
Length 200' Width 25' (20-30') Depth 2' (to 4') Acres XXXXXX
Flow _____ Temp: A 85 W 75 Time (EST) 12:20 pm.
Gear 220 RAC Homelite Efficiency (yg trout) _____
Young trout per acre (adjusted total) None
Factors: W _____ N _____ H _____ F _____ Total _____

General notes:

Bottom is 25% rubbish, 75% mud.
Water very turbid.
Wide, deep dredged section.

Stocking policy:

1.0 mi. gbr. T-1

Name of species	Abundance	Number and description
C. carpio		One 24" seen dead - appeared to be dead less than 1 day.

1.0 N. Street ST 1-1

Name of species	Abundance	Number and description
C. commersoni	R	to 7"
N. crysoleucas	Z	
P. flavescens	I	
C. carpio	C	to 30"
E. inconstans	C-	



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2000-2004

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Block 4077C Summary

Total Species: 68
 Possible: 7
 Probable: 14
 Confirmed: 47

Click on column heading to sort by that category.

<u>Common Name</u>	<u>Scientific Name</u>	<u>Behavior Code</u>	<u>Date</u>	<u>NY Legal Status</u>	<u>V</u>
Great Blue Heron	<i>Ardea herodias</i>	X1	8/5/2001	Protected	R
Green Heron	<i>Butorides virescens</i>	FL	7/12/2003	Protected	R
Turkey Vulture	<i>Cathartes aura</i>	X1	7/15/2001	Protected	R
Canada Goose	<i>Branta canadensis</i>	FL	6/10/2001	Game Species	R
Wood Duck	<i>Aix sponsa</i>	FL	7/1/2002	Game Species	R
Mallard	<i>Anas platyrhynchos</i>	FL	6/9/2001	Game Species	R
Osprey	<i>Pandion haliaetus</i>	X1	6/10/2001	Protected-Special Concern	R
Northern Harrier	<i>Circus cyaneus</i>	P2	6//2003	Threatened	R
Cooper's Hawk	<i>Accipiter cooperii</i>	X1	8/17/2003	Protected-Special Concern	R
Red-tailed Hawk	<i>Buteo jamaicensis</i>	NE	5/25/2000	Protected	B

American Kestrel	<i>Falco sparverius</i>	FL	7/2/2002	Protected	R
Wild Turkey	<i>Meleagris gallopavo</i>	FL	7/1/2002	Game Species	R
Killdeer	<i>Charadrius vociferus</i>	FL	7/2/2002	Protected	R
Spotted Sandpiper	<i>Actitis macularia</i>	FL	6//2003	Protected	R
Upland Sandpiper	<i>Bartramia longicauda</i>	FL	7/1/2002	Threatened	R
American Woodcock	<i>Scolopax minor</i>	X1	5/3/2001	Game Species	B
Rock Dove	<i>Columba livia</i>	NE	7/19/2000	Unprotected	R
Mourning Dove	<i>Zenaida macroura</i>	FL	5/2/2000	Protected	B
Great Horned Owl	<i>Bubo virginianus</i>	P2	2/3/2002	Protected	R
Chimney Swift	<i>Chaetura pelagica</i>	T2	6/1/2002	Protected	R
Ruby-throated Hummingbird	<i>Archilochus colubris</i>	T2	7/2/2002	Protected	R
Belted Kingfisher	<i>Ceryle alcyon</i>	FY	6/10/2001	Protected	R
Downy Woodpecker	<i>Picoides pubescens</i>	FY	6/18/2000	Protected	R
Hairy Woodpecker	<i>Picoides villosus</i>	NY	5/15/2000	Protected	B
Northern Flicker	<i>Colaptes auratus</i>	ON	6/28/2000	Protected	R
Eastern Wood-Pewee	<i>Contopus virens</i>	FL	6/18/2000	Protected	R
Willow Flycatcher	<i>Empidonax traillii</i>	T2	6/5/2000	Protected	B
Least Flycatcher	<i>Empidonax minimus</i>	T2	6/29/2003	Protected	R
Eastern Phoebe	<i>Sayornis phoebe</i>	X1	5/10/2000	Protected	B
Eastern Kingbird	<i>Tyrannus tyrannus</i>	FS	8/13/2000	Protected	R
Warbling Vireo	<i>Vireo gilvus</i>	FL	6/16/2001	Protected	R
Red-eyed Vireo	<i>Vireo olivaceus</i>	S2	7/23/2001	Protected	B
Blue Jay	<i>Cyanocitta cristata</i>	FY	7/1/2002	Protected	R
American Crow	<i>Corvus brachyrhynchos</i>	FY	7/4/2000	Game Species	R
Horned Lark	<i>Eremophila alpestris</i>	P2	7/1/2002	Protected-Special Concern	R
Tree Swallow	<i>Tachycineta bicolor</i>	FY	6/28/2000	Protected	R
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	NY	7/5/2001	Protected	B

Barn Swallow	<i>Hirundo rustica</i>	NY	7/13/2003	Protected	RA
Black-capped Chickadee	<i>Poecile atricapillus</i>	S2	5/10/2000	Protected	BF
Tufted Titmouse	<i>Baeolophus bicolor</i>	S2	7/6/2003	Protected	RA
White-breasted Nuthatch	<i>Sitta carolinensis</i>	FY	5/26/2000	Protected	BF
House Wren	<i>Troglodytes aedon</i>	NE	7/1/2002	Protected	RA
Wood Thrush	<i>Hylocichla mustelina</i>	S2	5/23/2001	Protected	BF
American Robin	<i>Turdus migratorius</i>	NE	5/10/2000	Protected	BF
Gray Catbird	<i>Dumetella carolinensis</i>	FY	6/28/2000	Protected	RA
Northern Mockingbird	<i>Mimus polyglottos</i>	FY	7/4/2000	Protected	RA
Brown Thrasher	<i>Toxostoma rufum</i>	X1	6/1/2002	Protected	RA
European Starling	<i>Sturnus vulgaris</i>	NY	5/9/2001	Unprotected	BF
Cedar Waxwing	<i>Bombycilla cedrorum</i>	FL	8/17/2003	Protected	RA
Yellow Warbler	<i>Dendroica petechia</i>	FY	6/28/2000	Protected	RA
American Redstart	<i>Setophaga ruticilla</i>	P2	6/27/2001	Protected	BF
Common Yellowthroat	<i>Geothlypis trichas</i>	FL	6/28/2000	Protected	RA
Chipping Sparrow	<i>Spizella passerina</i>	FL	6/29/2001	Protected	BF
Savannah Sparrow	<i>Passerculus sandwichensis</i>	ON	7/1/2002	Protected	RA
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	P2	7/1/2002	Protected-Special Concern	RA
Song Sparrow	<i>Melospiza melodia</i>	FY	6/16/2001	Protected	RA
Swamp Sparrow	<i>Melospiza georgiana</i>	S2	7/15/2003	Protected	RA
Northern Cardinal	<i>Cardinalis cardinalis</i>	FY	7/1/2002	Protected	FL
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	FY	7/1/2002	Protected	RA
Bobolink	<i>Dolichonyx oryzivorus</i>	FY	7/15/2003	Protected	RA
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	FY	6/2/2000	Protected	RA

Eastern Meadowlark	<i>Sturnella magna</i>	FY	7/15/2003	Protected	R
Common Grackle	<i>Quiscalus quiscula</i>	FY	6/2/2000	Protected	R
Brown-headed Cowbird	<i>Molothrus ater</i>	FY	7/1/2002	Protected	R
Baltimore Oriole	<i>Icterus galbula</i>	FY	7/2/2000	Protected	R
House Finch	<i>Carpodacus mexicanus</i>	FY	6/10/2001	Protected	R
American Goldfinch	<i>Carduelis tristis</i>	FL	8/31/2003	Protected	R
House Sparrow	<i>Passer domesticus</i>	ON	5/15/2000	Unprotected	BI

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Block 4077C Summary

Total Species:	60
Possible:	10
Probable:	21
Confirmed:	29

Click on column heading to sort by that category.

Common Name	Scientific Name	Behavior Code	Date	NY Legal
Green Heron	<i>Butorides virescens</i>	P2	1983	Protected
Mallard	<i>Anas platyrhynchos</i>	FL	1983	Game Spec
Red-tailed Hawk	<i>Buteo jamaicensis</i>	NY	1980	Protected
American Kestrel	<i>Falco sparverius</i>	X1	1983	Protected
Virginia Rail	<i>Rallus limicola</i>	T2	1983	Game Spec
Killdeer	<i>Charadrius vociferus</i>	DD	1983	Protected
Spotted Sandpiper	<i>Actitis macularia</i>	DD	1983	Protected
Upland Sandpiper	<i>Bartramia longicauda</i>	FL	1982	Threatened
Rock Dove	<i>Columba livia</i>	FL	1983	Unprotected
Mourning Dove	<i>Zenaida macroura</i>	FL	1983	Protected
Great Horned Owl	<i>Bubo virginianus</i>	NY	1980	Protected
Ruby-throated	<i>Archilochus colubris</i>	X1	1983	Protected

Hummingbird				
Belted Kingfisher	<i>Ceryle alcyon</i>	X1	1983	Protected
Downy Woodpecker	<i>Picoides pubescens</i>	FL	1983	Protected
Hairy Woodpecker	<i>Picoides villosus</i>	D2	1983	Protected
Northern Flicker	<i>Colaptes auratus</i>	FL	1983	Protected
Willow Flycatcher	<i>Empidonax traillii</i>	D2	1983	Protected
Least Flycatcher	<i>Empidonax minimus</i>	D2	1983	Protected
Eastern Kingbird	<i>Tyrannus tyrannus</i>	T2	1983	Protected
Warbling Vireo	<i>Vireo gilvus</i>	D2	1983	Protected
Red-eyed Vireo	<i>Vireo olivaceus</i>	T2	1983	Protected
Blue Jay	<i>Cyanocitta cristata</i>	P2	1983	Protected
American Crow	<i>Corvus brachyrhynchos</i>	P2	1983	Game Spec
Horned Lark	<i>Eremophila alpestris</i>	FL	1984	Protected-S Concern
Tree Swallow	<i>Tachycineta bicolor</i>	FL	1983	Protected
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	X1	1983	Protected
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	X1	1983	Protected
Barn Swallow	<i>Hirundo rustica</i>	NE	1983	Protected
Black-capped Chickadee	<i>Poecile atricapillus</i>	P2	1983	Protected
House Wren	<i>Troglodytes aedon</i>	D2	1983	Protected
Veery	<i>Catharus fuscescens</i>	X1	1983	Protected
Wood Thrush	<i>Hylocichla mustelina</i>	T2	1983	Protected
American Robin	<i>Turdus migratorius</i>	FY	1983	Protected
Gray Catbird	<i>Dumetella carolinensis</i>	D2	1983	Protected
Brown Thrasher	<i>Toxostoma rufum</i>	T2	1983	Protected
European Starling	<i>Sturnus vulgaris</i>	FY	1983	Unprotected
Cedar Waxwing	<i>Bombycilla cedrorum</i>	FV	1983	Protected
Blue-winged Warbler	<i>Vermivora pinus</i>	X1	1983	Protected
Yellow Warbler	<i>Dendroica petechia</i>	FL	1983	Protected
American Redstart	<i>Setophaga ruticilla</i>	FL	1983	Protected
Common Yellowthroat	<i>Geothlypis trichas</i>	D2	1983	Protected
Hooded Warbler	<i>Wilsonia citrina</i>	X1	1983	Protected

Eastern Towhee	<i>Pipilo erythrophthalmus</i>	X1	1983	Protected
Chipping Sparrow	<i>Spizella passerina</i>	FL	1983	Protected
Field Sparrow	<i>Spizella pusilla</i>	D2	1983	Protected
Savannah Sparrow	<i>Passerculus sandwichensis</i>	FY	1982	Protected
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	FY	1982	Protected-S Concern
Song Sparrow	<i>Melospiza melodia</i>	FL	1983	Protected
Swamp Sparrow	<i>Melospiza georgiana</i>	T2	1983	Protected
Northern Cardinal	<i>Cardinalis cardinalis</i>	FL	1983	Protected
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	X1	1983	Protected
Bobolink	<i>Dolichonyx oryzivorus</i>	D2	1983	Protected
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	FY	1982	Protected
Eastern Meadowlark	<i>Sturnella magna</i>	T2	1983	Protected
Common Grackle	<i>Quiscalus quiscula</i>	FY	1983	Protected
Brown-headed Cowbird	<i>Molothrus ater</i>	FL	1983	Protected
Baltimore Oriole	<i>Icterus galbula</i>	FY	1983	Protected
House Finch	<i>Carpodacus mexicanus</i>	FL	1983	Protected
American Goldfinch	<i>Carduelis tristis</i>	P2	1983	Protected
House Sparrow	<i>Passer domesticus</i>	UN	1983	Unprotected

Current Date: 6/24/2004

Amphibians and Reptiles of Syracuse West Quadrangle compiled 1 July 2004 by Alvin r. Breisch

based on NYS Amphibian and Reptile Atlas 1990 to 1999

Town	Topo Quad	Detailed location	Scientific Name	Common Name
Geddes	Syracuse West	Just W of Burnet Park Zoo (Henry Street)	<i>Clemmys insculpta</i>	Wood Turtle
Geddes	Syracuse West	NYS Thruway 10 Miles West of Exit 39, Slovay	<i>Chelydra s. serpentina</i>	Common Snapping Turtle
Geddes	Syracuse West	Onondaga Lake	<i>Bufo a. americanus</i>	Eastern American Toad
Geddes	Syracuse West	Onondaga Lake	<i>Hyla versicolor</i>	Gray Treefrog
Geddes	Syracuse West	Onondaga Lake	<i>Pseudacris c. crucifer</i>	Northern Spring Peeper
Geddes	Syracuse West	Onondaga Lake	<i>Rana clamitans melanota</i>	Green Frog
Geddes	Syracuse West	Onondaga Lake	<i>Rana pipiens</i>	Northern Leopard Frog
Geddes	Syracuse West	Onondaga Lake	<i>Ambystoma maculatum</i>	Spotted Salamander
Geddes	Syracuse West	Onondaga Lake	<i>Notophthalmus v. viridescens</i>	Red-spotted Newt
Geddes	Syracuse West	Onondaga Lake	<i>Nerodia s. sipedon</i>	Northern Water Snake
Geddes	Syracuse West	Onondaga Lake	<i>Storeria d. dekayi</i>	Northern Brown Snake
Geddes	Syracuse West	Onondaga Lake	<i>Thamnophis sirtalis</i>	Common Garter Snake
Geddes	Syracuse West	Onondaga Lake	<i>Chelydra s. serpentina</i>	Common Snapping Turtle
Geddes	Syracuse West	Onondaga Lake	<i>Chrysemys picta</i>	Painted Turtle
Geddes	Syracuse West	Onondaga Lake	<i>Sternotherus odoratus</i>	Common Musk Turtle
Onondaga	Syracuse West	Onondaga Community College Campus	<i>Pseudacris c. crucifer</i>	Northern Spring Peeper
Onondaga	Syracuse West	Onondaga Community College Campus	<i>Rana clamitans melanota</i>	Green Frog
Onondaga	Syracuse West	Onondaga Community College Campus	<i>Desmognathus fuscus</i>	Northern Dusky Salamander
Onondaga	Syracuse West	Onondaga Community College Campus	<i>Eurycea bislineata</i>	Northern Two-lined Salamander
Onondaga	Syracuse West	Onondaga Community College Campus	<i>Diadophis punctatus edwardsii</i>	Northern Ringneck Snake
Onondaga	Syracuse West	Onondaga Community College Campus	<i>Thamnophis sirtalis</i>	Common Garter Snake
Onondaga	Syracuse West	Split Rock Quarry, just north of Split Rock Road	<i>Pseudacris c. crucifer</i>	Northern Spring Peeper
Onondaga	Syracuse West	Split Rock Quarry, just north of Split Rock Road	<i>Rana clamitans melanota</i>	Green Frog
Onondaga	Syracuse West	Split Rock Quarry, just north of Split Rock Road	<i>Rana pipiens</i>	Northern Leopard Frog
Onondaga	Syracuse West	Split Rock Quarry, just north of Split Rock Road	<i>Plethodon cinereus</i>	Northern Redback Salamander
Onondaga	Syracuse West	Split Rock Quarry, just north of Split Rock Road	<i>Plethodon glutinosus</i>	Northern Slimy Salamander
Onondaga	Syracuse West	Split Rock Quarry, just north of Split Rock Road	<i>Diadophis punctatus edwardsii</i>	Northern Ringneck Snake
Onondaga	Syracuse West	Split Rock Quarry, just north of Split Rock Road	<i>Lampropeltis t. triangulum</i>	Eastern Milk Snake
Onondaga	Syracuse West	Split Rock Quarry, just north of Split Rock Road	<i>Thamnophis sirtalis</i>	Common Garter Snake
Salina	Syracuse West	Hancock Airport	<i>Pseudacris c. crucifer</i>	Northern Spring Peeper
Salina	Syracuse West	Hancock Airport	<i>Rana clamitans melanota</i>	Green Frog
Salina	Syracuse West	Hancock Airport	<i>Thamnophis sirtalis</i>	Common Garter Snake

Salina	Syracuse West	Hopkins Road between Buckley & Henry Clay in wooded swamp area	<i>Pseudacris c. crucifer</i>	Northern Spring Peeper
Salina	Syracuse West	Hopkins Road between Buckley & Henry Clay in wooded swamp area	<i>Rana clamitans melanota</i>	Green Frog
Salina	Syracuse West	Hopkins Road between Buckley & Henry Clay in wooded swamp area	<i>Rana pipiens</i>	Northern Leopard Frog
Salina	Syracuse West	Hopkins Road between Buckley & Henry Clay in wooded swamp area	<i>Thamnophis sirtalis</i>	Common Garter Snake
Salina	Syracuse West	Little League field in Lonergan Park, North Syracuse	<i>Bufo a. americanus</i>	Eastern American Toad
Salina	Syracuse West	Onondaga Lake	<i>Pseudacris c. crucifer</i>	Northern Spring Peeper
Salina	Syracuse West	Onondaga Lake	<i>Rana clamitans melanota</i>	Green Frog
Salina	Syracuse West	Onondaga Lake	<i>Rana pipiens</i>	Northern Leopard Frog
Salina	Syracuse West	Onondaga Lake	<i>Nerodia s. sipedon</i>	Northern Water Snake
Salina	Syracuse West	Onondaga Lake	<i>Thamnophis sirtalis</i>	Common Garter Snake
Salina	Syracuse West	Onondaga Lake	<i>Chelydra s. serpentina</i>	Common Snapping Turtle
Salina	Syracuse West	Syracuse Airport property, 1200 Airport Blvd., US Airways Reservation Center	<i>Chrysemys picta</i>	Painted Turtle
Syracuse - city	Syracuse West		<i>Bufo a. americanus</i>	Eastern American Toad
Syracuse - city	Syracuse West	611 Summit Ave. - urban residential area on steep hillside	<i>Rana pipiens</i>	Northern Leopard Frog
Syracuse - city	Syracuse West	Area around Comstock Avenue & Syracuse University	<i>Storeria d. dekayi</i>	Northern Brown Snake
Syracuse - city	Syracuse West	Area around Comstock Avenue & Syracuse University	<i>Bufo a. americanus</i>	Eastern American Toad
Syracuse - city	Syracuse West	Area around Comstock Avenue & Syracuse University	<i>Pseudacris c. crucifer</i>	Northern Spring Peeper
Syracuse - city	Syracuse West	Area around Comstock Avenue & Syracuse University	<i>Rana clamitans melanota</i>	Green Frog
Syracuse - city	Syracuse West	Area around Comstock Avenue & Syracuse University	<i>Plethodon cinereus</i>	Northern Redback Salamander
Syracuse - city	Syracuse West	Area around Comstock Avenue & Syracuse University	<i>Storeria d. dekayi</i>	Northern Brown Snake
Syracuse - city	Syracuse West	Area around Comstock Avenue & Syracuse University	<i>Thamnophis sirtalis</i>	Common Garter Snake
Syracuse - city	Syracuse West	Brumet Park	<i>Plethodon cinereus</i>	Northern Redback Salamander
Syracuse - city	Syracuse West	By Booth Hall on Syracuse Campus	<i>Thamnophis sirtalis</i>	Common Garter Snake
Syracuse - city	Syracuse West	Comstock Ave., South of East Colvin	<i>Bufo a. americanus</i>	Eastern American Toad
Syracuse - city	Syracuse West	Corner Jamesville Ave. & Ainsley Drive in Syracuse (City)	<i>Lampropeltis t. triangulum</i>	Eastern Milk Snake
Syracuse - city	Syracuse West	Grounds of Syracuse Development Center	<i>Plethodon cinereus</i>	Northern Redback Salamander
Syracuse - city	Syracuse West	Hillside along Jamesville Ave., Syracuse University South Campus	<i>Bufo a. americanus</i>	Eastern American Toad
Syracuse - city	Syracuse West	Hillside along Jamesville Ave., Syracuse University South Campus	<i>Plethodon cinereus</i>	Northern Redback Salamander
Syracuse - city	Syracuse West	Hillside along Jamesville Ave., Syracuse University South Campus	<i>Storeria d. dekayi</i>	Northern Brown Snake
Syracuse - city	Syracuse West	Hillside along Jamesville Ave., Syracuse University South Campus	<i>Thamnophis sirtalis</i>	Common Garter Snake
Syracuse - city	Syracuse West	Oakwood Cemetery	<i>Storeria d. dekayi</i>	Northern Brown Snake
Syracuse - city	Syracuse West	Oakwood Cemetery	<i>Plethodon cinereus</i>	Northern Redback Salamander
Syracuse - city	Syracuse West	Park behind Corcoran High School off Glenwood Ave.	<i>Plethodon cinereus</i>	Northern Redback Salamander
Syracuse - city	Syracuse West	Park behind Corcoran High School off Glenwood Ave.	<i>Storeria o. occipitamaculata</i>	Northern Redbelly Snake
Syracuse - city	Syracuse West	Park behind Corcoran High School off Glenwood Ave.	<i>Plethodon cinereus</i>	Northern Redback Salamander
Syracuse - city	Syracuse West	Park behind Corcoran High School off Glenwood Ave.	<i>Plethodon glutinosus</i>	Northern Slimy Salamander

Syracuse - city

Syracuse West Park behind Corcoran High School off Glenwood Ave.

Thamnophis sirtalis

Common Garter Snake

Appendix B:

Natural Resources Maps

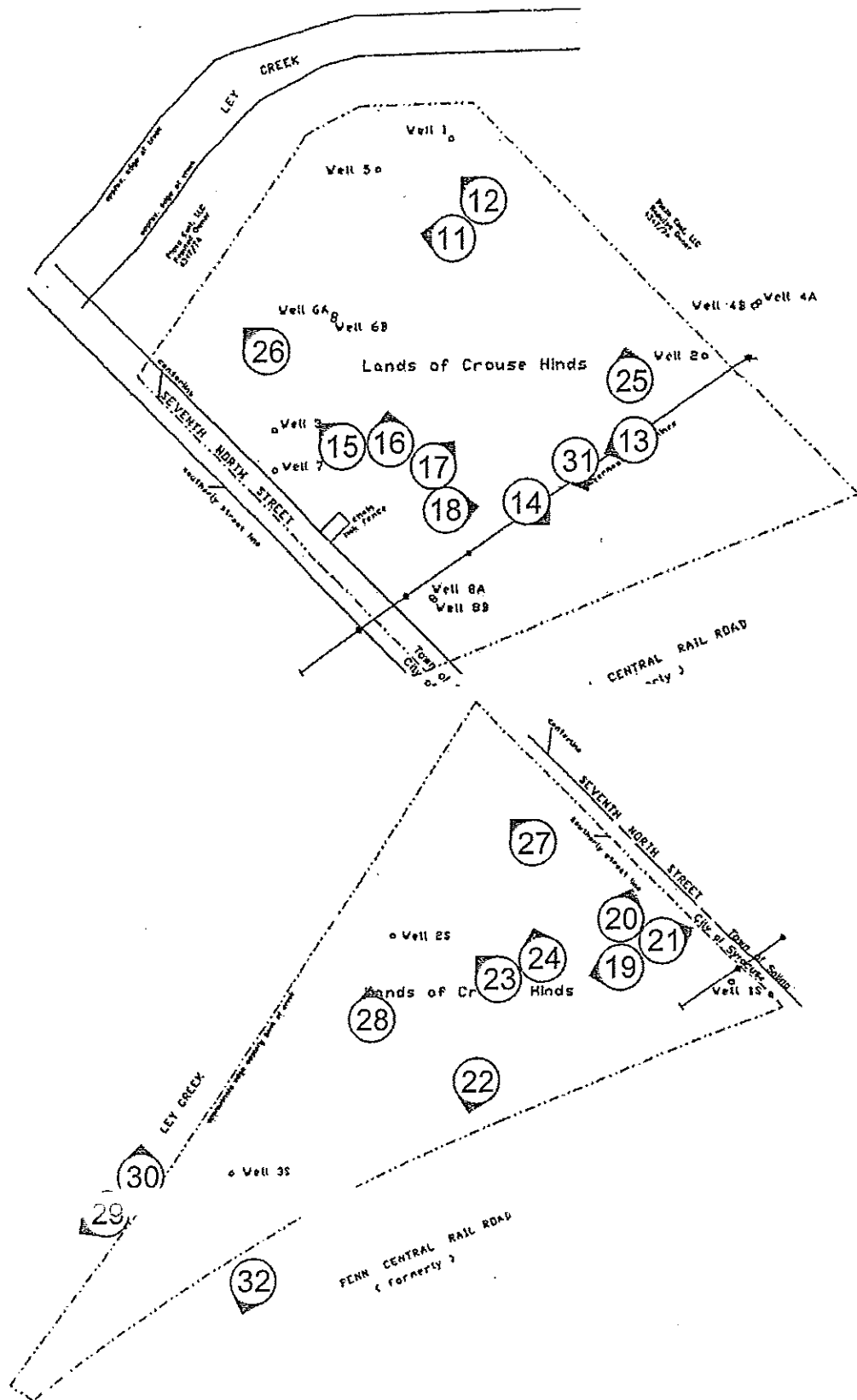


Figure 10. Photograph locations of the vegetation community types on the North and South Landfills.

Cooper Crouse-Hinds Landfill RI/FS Vegetation and Wildlife Study

Appendix C:

Vegetation and Wildlife Species Lists

Table 1. Vegetation Survey - Crouse Hinds North Landfill

Urticaceae (Nettle Family)	
<i>Pilea pumila</i>	Clearweed
Juglandaceae (Walnut Family)	
<i>Juglans nigra</i>	Black Walnut
Caryophyllaceae (Pink Family)	
<i>Dianthus armeria</i>	Deptford Pink
<i>Saponaria officinalis</i>	Bouncing-bet
<i>Silene latifolia</i>	White Champion
<i>Stellaria graminea</i>	Common Stitchwort
Polygonaceae (Buckwheat Family)	
<i>Polygonum cuspidatum</i>	Japanese Bamboo
<i>Rumex crispus</i>	Curly Dock
Clusiaceae (Mangosteen Family)	
<i>Hypericum perforatum</i>	Common St. John's-wort
Salicaceae (Willow Family)	
<i>Populus deltoides</i>	Eastern Cottonwood
<i>Populus tremuloides</i>	Quaking Aspen
<i>Salix nigra</i>	Black Willow
<i>Salix sp.</i>	Willow
Brassicaceae (Mustard Family)	
<i>Alliaria petiolata</i>	Garlic Mustard
<i>Hesperis matronalis</i>	Dame's-rocket
Rosaceae (Rose Family)	
<i>Geum laciniatum</i>	Rough Avena
<i>Potentilla recta</i>	Sulfer Cinquefoil
<i>Potentilla simplex</i>	Common Cinquefoil
Fabaceae (Bean Family)	
<i>Lotus corniculata</i>	Bird's-foot Trefoil
<i>Medicago lupulina</i>	Black Medic
<i>Melilotus alba</i>	White Sweet-clover
<i>Melilotus officinalis</i>	Yellow Sweet-clover
<i>Robinia pseudo-acacia</i>	Black Locust
<i>Trifolium aureum</i>	Yellow Clover
<i>Trifolium pratense</i>	Red Clover
Rhamnaceae (Buckthorn Family)	
<i>Rhamnus cathartica</i>	Buckthorn

Vitaceae (Grape Family)

<i>Parthenocissus quinquefolia</i>	Virginia Creeper
<i>Vitis aestivalis</i>	Summer Grape
<i>Vitis riparia</i>	Riverbank Grape

Lythraceae (Loosestrife Family)

<i>Lythrum salicaria</i>	Purple Loosestrife
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Aceraceae (Maple Family)

<i>Acer negundo</i>	Box-elder
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Anacardiaceae (Sumac Family)

<i>Rhus hirta</i>	Staghorn Sumac
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Oxalidaceae (Oxalis Family)

<i>Oxalis stricta</i>	Lady's-sorrel
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Apiaceae (Carrot Family)

<i>Daucus carota</i>	Wild Carrot (Queen Anne's-lace)
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Gentianaceae (Gentian Family)

<i>Centaurium erythraea</i>	Centaury
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Apocynaceae (Dogbane Family)

<i>Apocynum cannabinum</i>	Indian Hemp
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Asclepiadaceae (Milkweed Family)

<i>Asclepias incarnata</i>	Swamp Milkweed
<i>Asclepias syriaca</i>	Common Milkweed
<i>Asclepias tuberosa</i>	Butterfly-weed
<i>Cynanchum louiseae</i>	Black Swallow-wort

Solanaceae (Nightshade Family)

<i>Solanum dulcamara</i>	Trailing Nightshade
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Boraginaceae (Borage Family)

<i>Myosotis verna</i>	Spring Forget-me-not
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Lamiaceae (Mint Family)

<i>Glechoma hederacea</i>	Ground-ivy
<i>Prunella vulgaris</i>	Self-heal

Plantaginaceae (Plantain Family)

<i>Plantago lanceolata</i>	English Plantain
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Oleaceae (Olive Family)

<i>Fraxinus pennsylvanica</i>	Green Ash
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Scrophulariaceae (Figwort Family)

<i>Linaria vulgaris</i>	Butter-and-eggs
<i>Penstemon digitalis</i>	False-foxglove
<i>Verbascum blattaria</i>	Moth-mullein

Scrophulariaceae (Figwort Family) (cont.)

<i>Verbascum thapsus</i>	Mullein
<i>Veronica serpyllifolia</i>	Thyme-leaf Speedwell

Bignoniaceae (Bignonia Family)

<i>Catalpa speciosa</i>	Catalpa
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Rubiaceae (Madder Family)

<i>Galium asprellum</i>	Rough Bedstraw
<i>Galium mollugo</i>	White Bedstraw

Caprifoliaceae (Honeysuckle Family)

<i>Lonicera tatarica</i>	Honeysuckle
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Dipsacaceae (Teasel Family)

<i>Dipsacus fullonum</i>	Common Teasel
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Asteraceae (Aster Family)

<i>Achillea millefolium</i>	Common Yarrow
<i>Ambrosia artemisiifolia</i>	Ragweed
<i>Centauria maculosa</i>	Bushy Knapweed
<i>Cichorium intybus</i>	Chicory
<i>Erigeron philadelphicus</i>	Daisy Fleabane
<i>Eupatorium rugosum</i>	White Snakeroot
<i>Euthamia graminifolia</i>	Flat-top Goldenrod
<i>Hieracium caespitosum</i>	King-devil
<i>Hieracium pilosella</i>	Mouse-ear Hawkweed
<i>Leucanthemum vulgare</i>	Ox-eye Daisy
<i>Rudbeckia hirta</i>	Black-eyed Susan
<i>Solidago altissima</i>	Tall Goldenrod
<i>Solidago canadensis</i>	Canada Goldenrod
<i>Solidago gigantea</i>	Late Goldenrod

Lemnaceae (Lemna Family)

<i>Lemna minor</i>	Duckweed
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Juncaceae (Rush Family)

<i>Juncus tenuis</i>	Slender Yard-rush
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Poaceae (Grass Family)

<i>Bromus secalinus</i>	Cheat
<i>Dactylis glomerata</i>	Orchard Grass
<i>Festuca rubra</i>	Red Fescue
<i>Hordeum jubatum</i>	Foxtail Barley
<i>Lolium perenne</i>	English Ryegrass
<i>Panicum capillare</i>	Witchgrass
<i>Phleum pratense</i>	Timothy
<i>Phragmites australis</i>	Common Reed
<i>Poa compressa</i>	Canada Bluegrass
<i>Poa pratensis</i>	Kentucky Bluegrass

Typhaceae (Cattail Family)

<i>Typha angustifolia</i>	Narrow-leaf Cattail
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Liliaceae (Lily Family)

<i>Asparagus officinalis</i>	Asparagus
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Table 2. Vegetation Survey - Crouse Hinds South Landfill

Urticaceae (Nettle Family)	
<i>Urtica dioica</i>	Stinging Nettle
Juglandaceae (Walnut Family)	
<i>Juglans nigra</i>	Black Walnut
Phytolaccaceae (Pokeweed Family)	
<i>Phytolacca americana</i>	Pokeweed
Caryophyllaceae (Pink Family)	
<i>Cerastium fontanum</i>	Common Mouse-ear
<i>Dianthus armeria</i>	Deptford Pink
Polygonaceae (Buckwheat Family)	
<i>Polygonum cuspidatum</i>	Japanese Bamboo
Clusiaceae (Mangosteen Family)	
<i>Hypericum perforatum</i>	Common St. John's-wort
Salicaceae (Willow Family)	
<i>Populus deltoides</i>	Eastern Cottonwood
<i>Populus tremuloides</i>	Quaking Aspen
<i>Salix nigra</i>	Black Willow
Brassicaceae (Mustard Family)	
<i>Alliaria petiolata</i>	Garlic Mustard
<i>Brassica nigra</i>	Black Mustard
<i>Hesperis matronalis</i>	Dame's-rocket
<i>Lepidium campestre</i>	Cow-cress
Rosaceae (Rose Family)	
<i>Fragaria virginiana</i>	Wild Strawberry
<i>Potentilla recta</i>	Sulfer Cinquefoil
Fabaceae (Bean Family)	
<i>Lotus corniculata</i>	Bird's-foot Trefoil
<i>Medicago lupulina</i>	Black Medic
<i>Melilotus officinalis</i>	Yellow Sweet-clover
<i>Robinia pseudo-acacia</i>	Black Locust
Lythraceae (Loosestrife Family)	
<i>Lythrum salicaria</i>	Purple Loosestrife
Onagraceae (Evening-primrose Family)	
<i>Circaea lutetiana</i>	Enchanter's Nightshade

Cornaceae (Dogwood Family)

Cornus amomum Silky Dogwood

Rhamnaceae (Buckthorn Family)

Rhamnus cathartica Buckthorn

Vitaceae (Grape Family)

Parthenocissus quinquefolia Virginia Creeper
Vitis aestivalis Summer Grape
Vitis riparia Riverbank Grape

Aceraceae (Maple Family)

Acer negundo Box-elder

Anacardiaceae (Sumac Family)

Rhus hirta Staghorn Sumac

Balsaminaceae (Touch-me-not Family)

Impatiens capensis Spotted Jewelweed

Asclepiadaceae (Milkweed Family)

Cynanchum louiseae Black Swallow-wort

Solanaceae (Nightshade Family)

Solanum dulcamara Trailing Nightshade

Convolvulaceae (Morning-glory Family)

Ipomoea sp. Morning-glory

Cuscutaceae (Dodder Family)

Cuscuta gronovii Common Dodder

Boraginaceae (Borage Family)

Myosotis verna Spring Forget-me-not

Verbenaceae (Verbena Family)

Verbena urticifolia White Vervain

Lamiaceae (Mint Family)

Glechome hederacea Ground-ivy
Lamium album Snowflake
Leonurus cardiaca Motherwort
Nepeta cataria Catnip
Teucrium canadense Wild Germander

Scrophulariaceae (Figwort Family)

<i>Linaria vulgaris</i>	Butter-and-eggs
<i>Penstemon digitalis</i>	False-foxglove
<i>Verbascum blattaria</i>	Moth-mullein
<i>Verbascum thapsus</i>	Mullein
<i>Veronica arvensis</i>	Corn Speedwell

Rubiaceae (Madder Family)

<i>Galium asprellum</i>	Rough Bedstraw
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Caprifoliaceae (Honeysuckle Family)

<i>Lonicera tatarica</i>	Honeysuckle
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Asteraceae (Aster Family)

<i>Achillea millefolium</i>	Common Yarrow
<i>Cirsium arvense</i>	Canada Thistle

Asteraceae (Aster Family) (cont.)

<i>Cirsium vulgare</i>	Bull-thistle
<i>Eupatorium rugosum</i>	White Snakeroot
<i>Leucanthemum vulgare</i>	Ox-eye Daisy
<i>Solidago altissima</i>	Tall Goldenrod
<i>Solidago canadensis</i>	Canada Goldenrod
<i>Solidago gigantea</i>	Late Goldenrod
<i>Vernonia gigantea</i>	Tall Ironweed

Lemnaceae (Lemna Family)

<i>Lemna minor</i>	Duckweed
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Poaceae (Grass Family)

<i>Bromus inermis</i>	Smooth Brome
<i>Bromus secalinus</i>	Cheat
<i>Panicum capillare</i>	Witchgrass
<i>Phragmites australis</i>	Common Reed
<i>Poa compressa</i>	Canada Bluegrass
<i>Poa pratensis</i>	Kentucky Bluegrass
<i>Setaria viridis</i>	Green Foxtail

Table 3. Wildlife Survey - Crouse Hinds North Landfill

Mammals

Sciuridae (Squirrel Family)

Marmota monax Woodchuck

Cricetidae (Mice, Rat, Vole Family)

Microtus pennsylvanicus Meadow Vole

Cervidae (Deer Family)

Odocoileus virginianus Whitetail Deer

Birds

Ardeidae (Heron and Bittern Family)

Ardea herodias Great Blue Heron (fly-over)

Laridae (Gull Family)

Larus delawarensis Ring-billed Gull (fly-over)

Columbidae (Pigeon and Dove Family)

Zenaida macroura Mourning Dove

Picidae (Woodpecker Family)

Colaptes auratus Northern Flicker
Picoides pubescens Downy Woodpecker

Tyrannidae (Tyrant Flycatcher Family)

Empidonax minimus Least Flycatcher

Vireonidae (Vireo Family)

Vireo gilvus Warbling Vireo

Corvidae (Crow and Jay Family)

Corvus brachyrhynchos American Crow

Paridae (Chickadee and Titmouse Family)

Poecile atricapillus Black-capped Chickadee

Troglodytidae (Wren Family)

Troglodytes aedon House Wren

Turdidae (Thrush Family)

Turdus migratorius American Robin

Mimidae (Mockingbird and Thrasher Family)

Dumetella carolinensis Gray Catbird

Birds (cont.)

Bombycillidae (Waxwing Family)

Bombycilla cedrorum Cedar Waxwing

Parulidae (Wood-warbler Family)

Dendroica petechia Yellow Warbler
Geothlypis trichas Common Yellowthroat
Setophaga ruticilla American Redstart

Emberizidae (Sparrow Family)

Melospiza melodia Song Sparrow
Melospiza georgiana Swamp Sparrow

Cardinalidae (Cardinal Family)

Cardinalis cardinalis Northern Cardinal

Icteridae (Blackbird Family)

Agelaius phoeniceus Red-winged Blackbird
Icterus galbula Baltimore Oriole
Quiscalus quiscula Common Grackle

Fringillidae (Finch Family)

Carduelis tristis American Goldfinch

Reptiles and Amphibians

Chelydridae (Snapping Turtle Family)

Chelydra serpentina Snapping Turtle

Ranidae (True Frog Family)

Rana clamitans melanota Green Frog

Table 4. Wildlife Survey - Crouse Hinds South Landfill

Mammals

Procyonidae (Raccoon Family)

<i>Procyon lotor</i>	Raccoon
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Sciuridae (Squirrel Family)

<i>Marmota monax</i>	Woodchuck
<i>Sciurus carolinensis</i>	Easter Gray Squirrel

Cervidae (Deer Family)

<i>Odocoileus virginianus</i>	Whitetail Deer
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Birds

Ardeidae (Heron and Bittern Family)

<i>Butorides virescens*</i>	Green Heron (fly-over)
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Picidae (Woodpecker Family)

<i>Colaptes auratus</i>	Northern Flicker
<i>Picoides pubescens</i>	Downy Woodpecker

Tyrannidae (Flycatcher Family)

<i>Empidonax traillii</i>	Willow Flycatcher
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Vireonidae (Vireo Family)

<i>Vireo gilvus</i>	Warbling Vireo
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Corvidae (Crow and Jay Family)

<i>Corvus brachyrhynchos</i>	American Crow
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Hirundinidae (Swallow Family)

<i>Tachycineta bicolor</i>	Tree Swallow
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Paridae (Chickadee and Titmouse Family)

<i>Poecile atricapillus</i>	Black-capped Chickadee
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Troglodytidae (Wren Family)

<i>Troglodytes aedon</i>	House Wren
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Turdidae (Thrush Family)

<i>Hylocichla mustelina</i>	Wood Thrush
<i>Turdus migratorius</i>	American Robin

Mimidae (Mockingbird and Thrasher Family)

<i>Dumetella carolinensis</i>	Gray Catbird
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Bombycillidae (Waxwing Family)

<i>Bombycilla cedrorum</i>	Cedar Waxwing
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Birds (cont.)

Parulidae (Wood-warbler Family)

<i>Geothlypis trichas</i>	Common Yellowthroat
<i>Setophaga ruticilla</i>	American Redstart

Cardinalidae (Cardinal Family)

<i>Cardinalis cardinalis</i>	Northern Cardinal
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Fringillidae (Finch Family)

<i>Carduelis tristis</i>	American Goldfinch
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ATTACHMENT 5

LEY CREEK SEDIMENT SAMPLING DATA

RECEIVED
APR 19 2004

11/7/2003

BY:.....

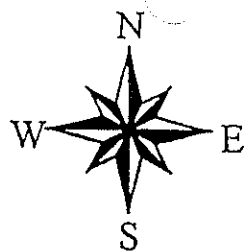
MIKE - AS WE DISCUSSED IN OUR 11/3/03 CONFERENCE CALL,
ATTACHED ARE THE DEC TRIBUTARY DATA FOR
LEY CREEK.

RICK

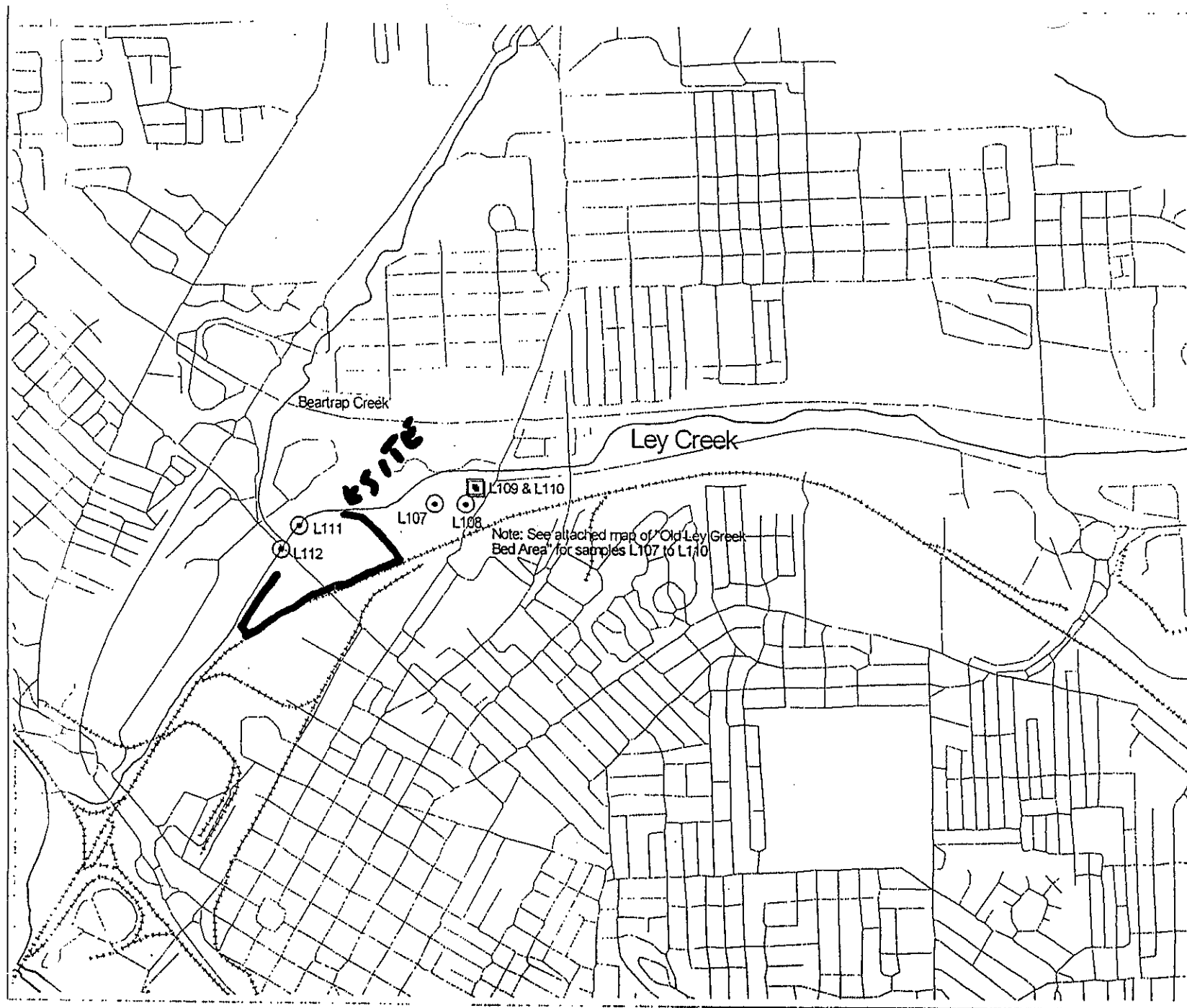
ENVIRONMENTAL AFFAIRS

NOV 14 2003

RECEIVED



- ▣ Soil Samples
- ⊙ Sediment Samples
- Railroad Tracks
- Roads
- △ Tributaries
- Onondaga Lake



1000 0 1000 2000 Feet

FALL 1997

Figure 3d: Lower Ley Creek
Second Round Sampling Locations

Table L-2A

Lower Ley Creek Sediment & Soil Samples - Organic Compounds

Location	Parameter	Results	Units
L107	1,2-Dichlorobenzene	440	ug/kg
L107	1,2-Dichloroethene (Total)	8 J	ug/kg
L107	2-Methylnaphthalene	140 J	ug/kg
L107	Acenaphthene	680	ug/kg
L107	Acenaphthylene	600	ug/kg
L107	Acetone	18 J	ug/kg
L107	Anthracene	2200	ug/kg
L107	Aroclor-1248	8000 D	ug/kg
L107	Aroclor-1260	310 J	ug/kg
L107	Benzo(a)anthracene	7200 D	ug/kg
L107	Benzo(a)pyrene	6900 D	ug/kg
L107	Benzo(b)fluoranthene	7800 D	ug/kg
L107	Benzo(g,h,i)perylene	1900	ug/kg
L107	Bis(2-ethylhexyl)phthalate	890	ug/kg
L107	Carbazole	900	ug/kg
L107	Carbon disulfide	2 J	ug/kg
L107	Chrysene	8800 D	ug/kg
L107	Dibenzofuran	440	ug/kg
L107	Ethylbenzene	4 J	ug/kg
L107	Fluoranthene	16000 D	ug/kg
L107	Fluorene	1100	ug/kg
L107	Indeno(1,2,3-cd)pyrene	2100	ug/kg
L107	Naphthalene	140 J	ug/kg
L107	Phenanthrene	8900 D	ug/kg
L107	Pyrene	13000 D	ug/kg
L107	Unknown	230 JN	ug/kg
L107	Unknown	40 JN	ug/kg
L107	Unknown	9 JN	ug/kg
L107	Unknown	6 JN	ug/kg
L107	Unknown	270 JN	ug/kg
L107	Unknown	320 JN	ug/kg
L107	Unknown	560 JN	ug/kg
L107	Unknown	330 JN	ug/kg
L107	Unknown	350 JN	ug/kg
L107	Unknown	390 JN	ug/kg
L107	Vinyl chloride	3 J	ug/kg
L107	Xylene (Total)	3 J	ug/kg
L108	1,2-Dichlorobenzene	450 J	ug/kg
L108	1,4-Dichlorobenzene	160 J	ug/kg
L108	2-Butanone	78 J	ug/kg
L108	2-Methylnaphthalene	670 J	ug/kg
L108	4-Methylphenol	170 J	ug/kg

Table L-2A

Lower Ley Creek Sediment & Soil Samples - Organic Compounds

Location	Parameter	Results	Units
L108	Acenaphthene	960 J	ug/kg
L108	Acenaphthylene	2300 J	ug/kg
L108	Acetone	240 J	ug/kg
L108	Anthracene	1900 J	ug/kg
L108	Aroclor-1016	230000 JD	ug/kg
L108	Aroclor-1260	7400 JD	ug/kg
L108	Benzene	3 J	ug/kg
L108	Benzo(a)anthracene	5300 J	ug/kg
L108	Benzo(a)pyrene	4800 J	ug/kg
L108	Benzo(b)fluoranthene	9200 J	ug/kg
L108	Benzo(g,h,i)perylene	2000 J	ug/kg
L108	Bis(2-ethylhexyl)phthalate	7500 JD	ug/kg
L108	Carbazole	320 J	ug/kg
L108	Carbon disulfide	18 J	ug/kg
L108	Chloromethane	10 J	ug/kg
L108	Chrysene	12000 JD	ug/kg
L108	Dibenz(a,h)anthracene	430 J	ug/kg
L108	Dibenzofuran	970 J	ug/kg
L108	Fluoranthene	16000 JD	ug/kg
L108	Fluorene	2600 J	ug/kg
L108	Indeno(1,2,3-cd)pyrene	2000 J	ug/kg
L108	Naphthalene	640 J	ug/kg
L108	Phenanthrene	3300 J	ug/kg
L108	Pyrene	21000 JD	ug/kg
L108	Unknown	1600 JN	ug/kg
L108	Unknown	62 JN	ug/kg
L108	Unknown	48 JN	ug/kg
L108	Unknown	180 JN	ug/kg
L108	Unknown	1100 JN	ug/kg
L108	Unknown	640 JN	ug/kg
L108	Unknown	49 JN	ug/kg
L108	Unknown	48 JN	ug/kg
L108	Unknown	79 JN	ug/kg
L108	Unknown	200 JN	ug/kg
L108	Unknown	560 JN	ug/kg
L108	Unknown	1300 JN	ug/kg
L108	Unknown	1500 JN	ug/kg
L108	Unknown	2000 JN	ug/kg
L108	Unknown	670 JN	ug/kg
L108	Unknown	2600 JN	ug/kg
L108	Unknown	150 JN	ug/kg
L108	Unknown	1300 JN	ug/kg

Table L-2A

Lower Ley Creek Sediment & Soil Samples - Organic Compounds

Location	Parameter	Results	Units
L108	Unknown	1500 JN	ug/kg
L108	Unknown	3000 JN	ug/kg
L108	Unknown	1300 JN	ug/kg
L108	Unknown	950 JN	ug/kg
L108	Unknown	3000 JN	ug/kg
L108	Unknown	970 JN	ug/kg
L108	Unknown	100 JN	ug/kg
L108	Unknown	66 JN	ug/kg
L108	Unknown	970 JN	ug/kg
L108	Xylene (Total)	31 J	ug/kg
L109	Aroclor-1248	6700 D	ug/kg
L109	Aroclor-1260	230 PJ	ug/kg
L110	Aroclor-1248	360000 D	ug/kg
L110	Aroclor-1260	13000 D	ug/kg
L111	2-Butanone	760 J	ug/kg
L111	2-Methylnaphthalene	240 J	ug/kg
L111	4-Chloroaniline	280 J	ug/kg
L111	Acenaphthene	340 J	ug/kg
L111	Acenaphthylene	1600 J	ug/kg
L111	Acetone	870 JD	ug/kg
L111	Anthracene	1200 J	ug/kg
L111	Aroclor-1016	130000 JD	ug/kg
L111	Aroclor-1260	5400 JD	ug/kg
L111	Benzo(a)anthracene	4400 J	ug/kg
L111	Benzo(a)pyrene	5000 J	ug/kg
L111	Benzo(b)fluoranthene	13000 J	ug/kg
L111	Benzo(g,h,i)perylene	1800 J	ug/kg
L111	Bis(2-ethylhexyl)phthalate	4600 J	ug/kg
L111	Carbazole	440 J	ug/kg
L111	Carbon disulfide	16 J	ug/kg
L111	Chrysene	6400 J	ug/kg
L111	Fluoranthene	8400 J	ug/kg
L111	Indeno(1,2,3-cd)pyrene	2000 J	ug/kg
L111	Naphthalene	220 J	ug/kg
L111	Phenanthrene	2100 J	ug/kg
L111	Pyrene	9500 J	ug/kg
L111	Unknown	5200 JN	ug/kg
L111	Unknown	1700 JN	ug/kg
L111	Unknown	4400 JN	ug/kg
L111	Unknown	4500 JN	ug/kg
L111	Unknown	5200 JN	ug/kg
L111	Unknown	2400 JN	ug/kg

Table L-2A

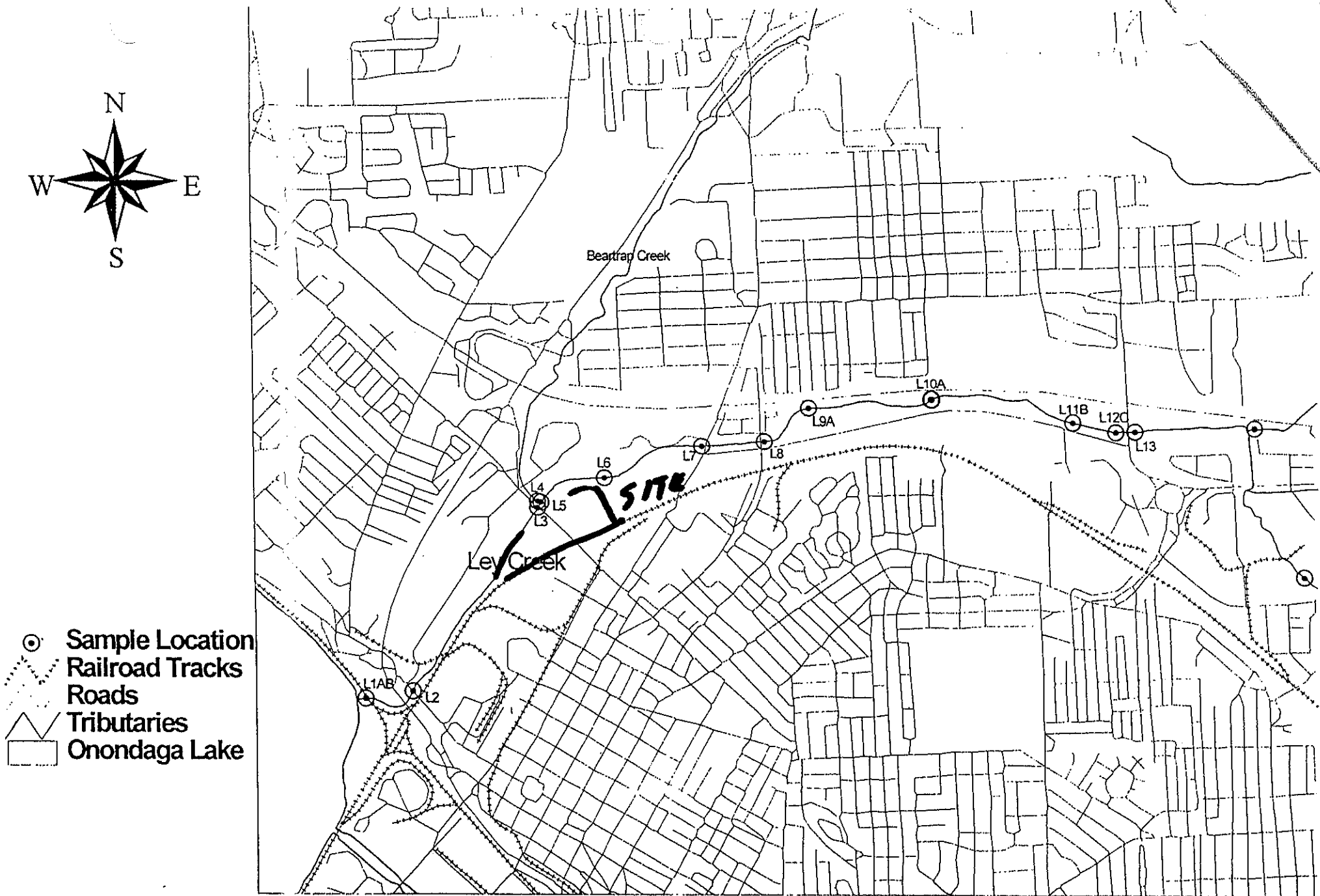
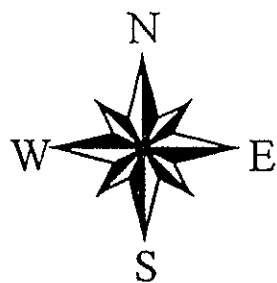
Lower Ley Creek Sediment & Soil Samples - Organic Compounds

Location	Parameter	Results	Units
L111	Unknown	3800 JN	ug/kg
L111	Unknown	2400 JN	ug/kg
L111	Unknown	580 JN	ug/kg
L111	Unknown	3100 JN	ug/kg
L111	Unknown	3800 JN	ug/kg
L112	1,1-Dichloroethane	3 J	ug/kg
L112	1,2-Dichloroethene (Total)	8 J	ug/kg
L112	2-Butanone	24 J	ug/kg
L112	2-Methylnaphthalene	1100	ug/kg
L112	2-Methylphenol	91 J	ug/kg
L112	Acenaphthene	1400	ug/kg
L112	Acenaphthylene	600	ug/kg
L112	Acetone	61 J	ug/kg
L112	Anthracene	3100 J	ug/kg
L112	Aroclor-1016	140 PJ	ug/kg
L112	Aroclor-1254	1000 D	ug/kg
L112	Aroclor-1260	370 P	ug/kg
L112	Benzene	2 J	ug/kg
L112	Benzo(a)anthracene	5200 D	ug/kg
L112	Benzo(a)pyrene	3800 J	ug/kg
L112	Benzo(b)fluoranthene	5200 D	ug/kg
L112	Benzo(g,h,i)perylene	1400 J	ug/kg
L112	Benzo(k)fluoranthene	4300 D	ug/kg
L112	Bis(2-ethylhexyl)phthalate	3600 J	ug/kg
L112	Carbazole	1300 J	ug/kg
L112	Carbon disulfide	4 J	ug/kg
L112	Chrysene	5300 D	ug/kg
L112	Dibenzofuran	870	ug/kg
L112	Ethylbenzene	6 J	ug/kg
L112	Fluoranthene	10000 D	ug/kg
L112	Fluorene	1500	ug/kg
L112	Indeno(1,2,3-cd)pyrene	1400 J	ug/kg
L112	Naphthalene	1400	ug/kg
L112	Phenanthrene	10000 JD	ug/kg
L112	Pyrene	9200 D	ug/kg
L112	Toluene	21	ug/kg
L112	Trichloroethene	2 J	ug/kg
L112	Unknown	840 JN	ug/kg
L112	Unknown	990 JN	ug/kg
L112	Unknown	98 JN	ug/kg
L112	Unknown	150 JN	ug/kg
L112	Unknown	170 JN	ug/kg

Table L-2A

Lower Ley Creek Sediment & Soil Samples - Organic Compounds

Location	Parameter	Results	Units
L112	Unknown	120 JN	ug/kg
L112	Unknown	730 JN	ug/kg
L112	Unknown	980 JN	ug/kg
L112	Unknown	550 JN	ug/kg
L112	Unknown	980 JN	ug/kg
L112	Unknown	410 JN	ug/kg
L112	Unknown	1000 JN	ug/kg
L112	Unknown	1200 JN	ug/kg
L112	Unknown	550 JN	ug/kg
L112	Unknown	540 JN	ug/kg
L112	Unknown	90 JN	ug/kg
L112	Unknown	170 JN	ug/kg
L112	Unknown	650 JN	ug/kg
L112	Unknown	140 JN	ug/kg
L112	Unknown	110 JN	ug/kg
L112	Unknown	210 JN	ug/kg
L112	Unknown	110 JN	ug/kg
L112	Unknown	1000 JN	ug/kg
L112	Xylene (Total)	50	ug/kg



4000 0 4000 Feet

FALL 1996

Figure 3d: Ley Creek
First Round Sampling Locations

1242 - 12 4180/6360/36300
 1254 - 12 2910
 1260 - 12 1130

Sample L-4
 Key Creek - All Detections of PCBs

Location	Parameter	Results	Units
L1AB	Aroclor-1016	60 X	ug/kg
L1AB	Aroclor-1242	260	ug/kg
L1AB	Aroclor-1254	360 JPN	ug/kg
L1AB	Aroclor-1260	76 PJ	ug/kg
L3	Aroclor-1016	84 X	ug/kg
L3	Aroclor-1242	38 JP	ug/kg
L4	Aroclor-1016	46 X	ug/kg
L4	Aroclor-1242	32 J	ug/kg
L4	Aroclor-1254	84 J	ug/kg
L4	Aroclor-1260	30 J	ug/kg
L5	Aroclor-1016	73 X	ug/kg
L5	Aroclor-1242	4100 D	ug/kg
L5	Aroclor-1254	1800 JD	ug/kg
L5	Aroclor-1260	580	ug/kg
L6	Aroclor-1016	164 X	ug/kg
L6	Aroclor-1242	6300 D	ug/kg
L6	Aroclor-1254	2100 JD	ug/kg
L6	Aroclor-1260	640	ug/kg
L7	Aroclor-1016	5810 X	ug/kg
L7	Aroclor-1242	36300 D	ug/kg
L7	Aroclor-1254	2900 JD	ug/kg
L7	Aroclor-1260	1130 JD	ug/kg
L8	Aroclor-1016	51 X	ug/kg
L8	Aroclor-1242	19 J	ug/kg
L8	Aroclor-1254	19 J	ug/kg
L8	Aroclor-1260	35 J	ug/kg
L9A	Aroclor-1016	50 X	ug/kg
L9A	Aroclor-1242	630	ug/kg
L9A	Aroclor-1254	470 J	ug/kg
L9A	Aroclor-1260	130	ug/kg
9B	Aroclor-1248	600	ug/kg
9B	Aroclor-1260	140	ug/kg
10A	Aroclor-1248	220	ug/kg
10A	Aroclor-1260	69	ug/kg
10B	Aroclor-1016	46 X	ug/kg
10B	Aroclor-1242	720	ug/kg
10B	Aroclor-1254	560 J	ug/kg
10B	Aroclor-1260	280	ug/kg
11B	Aroclor-1016	41 X	ug/kg
11B	Aroclor-1242	21 J	ug/kg
2C	Aroclor-1016	38 X	ug/kg
2C	Aroclor-1242	520	ug/kg
2C	Aroclor-1254	590 JP	ug/kg
2C	Aroclor-1260	95	ug/kg
3	Aroclor-1254	20 J	ug/kg
3	Aroclor-1260	19 J	ug/kg
3	Aroclor-1242	16 J	ug/kg
3	Aroclor-1254	72 PJ	ug/kg
3	Aroclor-1260	230	ug/kg
3	Aroclor-1242	100	ug/kg
3	Aroclor-1254	71 J	ug/kg
3	Aroclor-1260	220	ug/kg
3	Aroclor-1254	120	ug/kg
3	Aroclor-1260	13 JP	ug/kg
3	Aroclor-1242	12 J	ug/kg